**PROFILE**

**Daniel Yaw Addai DUAH** is an Associate Professor at the Department of Architecture, Kwame Nkrumah University of Science and Technology (KNUST), Kumasi, Ghana. As a Chartered Architect, Fellow of the Ghana Institute of Architects, and Distinguished Project Management Professional, he has over 19 years of experience in teaching, research, consultancy and mentorship and over 18 years in administrative/governance positions. Professor Duah obtained his doctoral degree in Planning, Design, and Construction (Construction Management Specialty) from Michigan State University, USA in 2014; MSc. in Construction Management and Economics from the University of Greenwich, London, UK in 2004; Post Graduate Diploma and Bachelor of Science in Architecture from KNUST in 2000 and 2002 respectively. Professor Duah started his academic career when he was appointed a Tutor in Building Studies at Barnfield College in Luton, in the United Kingdom in January 2006. He was later appointed Lecturer in September 2006 at the Department of Architecture, KNUST. He was promoted to the rank of Senior Lecturer in 2015 following his return from study leave from 2010 to 2014, and Associate Professor in 2020. Having completed his doctoral studies 8 months ahead of time, he was appointed as a post-doctoral researcher at Michigan State in 2014. He is currently the Dean for the International Programmes Office since January 2022 and Director of the Confucius Institute at KNUST since December 2023.

Professor Duah has been serving as a member of the Academic Board, Executive Committee and Planning and Resources Committee of KNUST since 2022. He has chaired several statutory and non-statutory committees of the university and served in various roles on several committees in the university, at the national and international levels including the Board of the International Programmes Office, Senior Staff Housing Committee of the University, Search Committee for the Director of Works and Physical Development and Director of Health Services, Faculty Course Development Committee, Logistics and Organisation Sub-Committee of the 8th, 9th, 10th and 11th KNUST Summer Schools, and SDG (Goal 17) – Partnership for Goals. He has served as the non-professorial rep of CABE Board (2016-2019), College Examinations officer for CABE (2019-2021) and other roles in examinations leadership at the Department, Faculty, and College for 12 years. He also served as Coordinator of Undergraduate and Postgraduate Studies at the Department from 2017 to 2021 and 2024 to 2025 respectively.

With a belief in the concept of servant leadership rooted in empathy, humility, fairness in judgment and shared purpose, Professor Duah is a leader who creates space for others to rise. He has the capacity to collaborate, lead, engage and inspire people in research, industry and other fields of endeavour. He has the experience of teaching at all levels of the university and industry including Diploma, BSc, MSc, MPhil and PhD programmes. He has been serving as the Chief Examiner of the Ghana Institute of Architects since 2020, a resource person for the “*Sustainability and Climate Change: Implications of Architectural Practices”* module, and served on the Education and Institutions Committee of the Ghana Institute of Architects. His research capacity is evident in the output which includes over 20 publications in high impact journals since 2022. He has been involved at various leadership roles in securing grants and working to deliver outcomes attesting to his distinguished scholarly, industry, leadership and organizational capacities. He has been a reviewer for a number of high impact international journals across the world, thus, contributing to the production of knowledge. The foregoing, combined with his extensive experience and exposure to partnerships at the national/international levels, highlights his capacity to attract grants and funds for research and development activities for CABE.

Understanding the important role of quality assurance in setting standards, testing and inspection, process improvement and training and development for a tertiary institution, he has developed this capacity through various roles he has played in the university, nationally and internationally. In addition to working for 12 years in various examinations capacity in the university and serving on the Academic Board and Planning and Resources Committee, he previously served as the Chair of the College Quality Assurance Committee, Faculty Course Development Committee, and member of Departmental and Faculty Accreditation Committee, StandingCommittee on Examination Malpractices, Ad hoc Committee to Review and Regulate Teaching and Examinations Time Tables and Use of Classrooms Across the University, and Committee to Self-Evaluate KNUST for Institutional Accreditation.

Under his leadership as Dean for the International Programmes Office, he has completely transformed the office with visible and quantifiable growth in her activities spanning, partnerships, mobilities, visibility and communication, scholarships, infrastructure development, and strategic governance, resulting in recognition locally and internationally. As Ghanaian Director of the Confucius Institute at KNUST, his leadership of a multi-cultural and diverse staff has led to the setting up and tremendous growth of the institute evident in the over $500,000.00 raised for her activities, steady growth of the Chinese minor programme at KNUST, new offices for the institute, creation of 4 teaching centers in Kumasi, industry-academia collaboration, cultural activities, partnerships etc.

Working with/in industry for over 20 years, Professor Duah served as a member of the Council of the Ghana Institute of Architects for four (4) years, worked on highly impactful national and international projects, and negotiated for establishment of Confucius Institute at KNUST**.** Under his leadership, two China-Africa international automotive development forums have been successfully held in China and KNUST, Ghana focusing on intelligent electric vehicles. In recognition of his sterling contribution to industry and education, he was admitted into Fellowship of the Ghana Institute of Architects in 2024, joining less than 30 Fellows in Ghana.

The professional and academic interests of Daniel include Afro-Green Architecture, Planning and sustainable construction materials; Barrierfree Communities and Smart Cities; Urban and Rural Planning for Community Development; Resilient Communities Planning and Design; Food System Architecture and Planning, and Economic Designs. As a chartered architect and distinguished project management professional, he has consulted on projects such as Ghana Smart Sustainable Development Goals (SDG) Cities Programme being implemented in 10 Cities, and is Co-Principal Investigator for the TRANS-SAHARA Project: Novel WEFE Nexus-based approaches towards agroforestry management in the Greater North African Region with an estimated budget of **5,997,350.00 euros** which started in 2024 and will run till 2027, and has consulted for landmark building projects across Ghana such as the Church of Pentecost Headquarters project in Accra, Church of Pentecost East Legon Assembly Auditorium, new School of Graduate Studies Complex, and 4 story 280 bed dormitory building for Pentecost Preparatory School in Koforidua.

**CURRICULUM VITAE**

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| **1. PERSONAL DATA** | | | |
| Full Name | Professor Daniel Yaw Addai DUAH | | |
| Current Positions | Dean – International Programmes Office (IPO), Office of the Vice Chancellor (2022 to date) | | |
| Ghanaian Director – Confucius Institute, KNUST (2023 to date) | | |
| Institution | Kwame Nkrumah University of Science and Technology, (KNUST) Kumasi – Ghana | | |
| Departmental Background | Department of Architecture, Faculty of Built Environment,  College of Art and Built Environment | | |
| Positions Held | Associate Professor | | 2020 -Present |
| Senior Lecturer | | 2015 - 2020 |
| Lecturer | | 2006 - 2015 |
| Profession | Lecturer, Chartered Architect, and Project Management Consultant | | |
| Date of Birth | May 22, 1975 | | |
| Nationality | Ghanaian | | |
| Marital Status: | Married with Two (2) Children | | |
| Total Years of Work Experience | | 23 years | |
| Countries of work experiences | | Ghana, United States of America, United Kingdom, Sierra Leone | |
| Contact I | International Programmes Office (IPO)  Kwame Nkrumah University of Science & Technology, Kumasi, Ghana  Administration Block II KNUST  Office Email: [dean.ipo@knust.edu.gh](mailto:dean.ipo@knust.edu.gh)  Office Tel:   +233(0)322 063 944; +233(0)322 063 945 | | |
| Contact II | Department of Architecture  College of Art and Built Environment  Kwame Nkrumah University of Science and Technology, Kumasi – Ghana  Email: duahdani@gmail.com  Mob:   +233-506 978182  Mob: +233-246 593717 | | |

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| **2. INSTITUTIONS ATTENDED WITH ACADEMIC DEGREES/CERTIFICATES EARNED** | | |
| **Dates** | **Institution** | **Degree(s)/Diploma(s)** |
| 2010 – 2014 | Michigan State University, East Lansing – Michigan, USA. | PhD (Planning, Design and Construction – Construction Management Specialty) |
| 2003 – 2004 | University of Greenwich, Avery Hill – London, U.K. | M.Sc. (Construction Management and Economics) |
| 2000 – 2002 | Kwame Nkrumah University of Science and Technology, Kumasi – Ghana. | PG. Dip. (Architecture) |
| 1996 – 2000 | Kwame Nkrumah University of Science and Technology, Kumasi – Ghana. | B.Sc. (Architecture) |
| 1992 – 1994 | Pope John Secondary School and Junior Seminary, Koforidua, Ghana | General Certificate of Examinations Advance Level |
| 1987 – 1992 | Pope John Secondary School and Junior Seminary, Koforidua, Ghana | General Certificate of Examinations Ordinary Level |

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| **3. PROFESSIONAL AFFILIATIONS** | |
| **Membership/Title** | **Date** |
| 1. **Fellow,** Ghana Institute of Architects (FGIA) – S. 687 | 2024 – Present |
| 2. **Associate Member**, Ghana Institute of Architects **(AGIA)** – S. 687 | 2009 – 2024 |
| 3. **Standing Member,** Architect Registration Council (ARC) – S. 687 | 2009 – Present |
| 4. **Research Fellow** – TCC International Center for Innovation, Manufacturing, Technology Transfer and Entrepreneurship **(TCC-CIMET)** | 1. – Present |
| 5. **Distinguished Fellow** Project Management Professional (Ongoing), Institute of Project Management Professionals |  |

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| **4. FELLOWSHIP/AWARD/PRIZE/CERTIFICATE** | |
| Fellowships/Grants/  Scholarships: | 1. Won an EU Horizon Grant (Co-Principal Investigator) – TRANS-SAHARA – Novel WEFE Nexus-based approaches towards agroforestry management in the Greater North African Region (June 2024)- equiv. 5,997,350 Euros. In response to the HORIZON-CL6-2024-FARM2FFORK-01-10 with the Proposal Number: 101182176 (2024 – 2027). |
| 1. Co-Lead: Ghana Smart SDG Cities in Collaboration with UN-Habitat and won a 50 Million Norwegian Krones (equiv. 4,800,000.00 USD) from the Norwegian Ministry of Foreign Affairs to implement Smart SDG Cities in 10 Ghanaian cities namely: (1)Abuakwa South Municipal Assembly; (2) Obuasi Municipal Assembly; (3) Wenchi Municipal Assembly; (4) Kumasi Metropolitan Assembly; (5) Sekondi/Takoradi Metropolitan Assembly; (6)Ketu North Municipal Assembly; (7)Komenda-Edina-Eguafo-Abirem Municipal Assembly; (8)Accra Metropolitan Assembly; (9) Tamale Metropolitan Assembly; (10) Techiman Municipal Assembly (2024 – 2027). |
| 1. Chairman’s Special Recognition Award: Church of Pentecost, having been awarded Fellow of the Ghana Institute of Architects. One of less than 30 in Ghana, April 30, 2025 |
| 1. Lead, Francis Faki Amanquah Foundation Scholars at KNUST currently having 10 female scholars in Computer Science and Computer Engineering worth Ghs351,215.04 (equiv. $32,370.05). |
| 1. Ghanaian Director, Confucius Institute at KNUST, Kumasi. Project Grants awarded include the following:    1. 2023 Start-up Funds – $138,295.00    2. 2024 operational funds – $165,160.00    3. 2025 operational funds – $215,998.00 |
| 1. Research Grant – German Cooperation Development (GIZ) Project of Inclusions with Disabilities. Project Number: 19.2022.5.001.00 worth Ghs201,240.00 (2022-2023). |
| 1. Erasmus+ Staff Mobility Grant – for Staff Mobility Exchange between KNUST Department of Architecture and Frankfurt University of Applied Sciences – Germany (2019 – 2023) worth ~$30,000.00. |
| 1. Research Grant – Co-Investigator for College Research Fund, CABE worth Ghs9,610.00 on topic: An open database for carbon foot printing of buildings in Ghana: Towards developing a BIM-based model (2023). |
| 1. Grant – Construction of Commemorative Bus Stop in Honour of Mr. Joseph Kojo Wireko-Brobby near Department of Languages and Communication Sciences Block worth Ghs65,000.00 (2023). |
| 1. Grant – Research into Rural Architecture titled: Reimagining the Future of Our Rural Communities: Circularity, Entrepreneurship, Resilience, Partnership worth Ghs119,200 from the Honorary General Consulate of Greece and Cyprus (2023). |
| 1. GHACEM Mobile Cement Academy Phase II (GHACEMOBILE) – for developing a mobile Academy for all regions of Ghana particularly the golden triangle worth GHS200,600.00 (~$16,716.67) from 2022 – 2023. |
| 1. GHACEM Mobile Cement Academy (GHACEMOBILE) – for developing a mobile Academy for all regions of Ghana particularly the golden triangle worth GHS588,375.00 (~$110,000.00) from 2019 – 2022. |
| 1. Erasmus+ Staff Mobility Grant – for Staff Mobility Exchange between KNUST Department of Architecture and Frankfurt University of Applied Sciences – Germany (2018) worth $3000.00. |
| 1. Ghana-Netherlands Universities Volta Design Project Programme – Team Leader for KNUST and Facilitator for Training and Workshop for Volta Design Project in Collaboration with Technical University of Delft, Delft, The Netherlands, from 14th – 18th May 2018 worth ~$15,000.00. |
| 1. Fulbright Junior Staff Development Programme – Full Scholarship worth over $200,000.00 for Doctoral Studies through the United States Department of State to Study at Michigan State University in the city of East Lansing in the state of Michigan, United States of America, from August 2010 – December 2013. |
| 1. Post-Doctoral Research Fellow and Instructor – at the Department of Construction Management, School of Planning, Design and Construction, Michigan State University, East Lansing, Michigan – USA from January 2014 – June 2014. |
| 1. Recipient, Ed Gavin Memorial Scholarship – 2011/2012 and 2012/2013 school years. Construction Management Program, School of Planning, Design and Construction, Michigan State University. |
| 1. Graduate Office Fellowship, School of Planning, Design and Construction, Michigan State University. Criteria: Academic, Scholarly Activities, and Academic Need – 2011/2012 and 2012/2013 year. |
| 1. Won one of six Fulbright Junior Staff Development Program Scholarships available in Ghana in 2010 to pursue a Doctoral program in Construction Management at Michigan State University. |
| 1. Only graduating student from final year Post Graduate Diploma in Architecture class, Department of Architecture, KNUST, Kumasi, Ghana – June 2002. |
| 1. Member of 4-man design team whose work was exhibited at “EXPO 2000” in Germany for the international design competition – ‘Visions of Homes for the Future’ organized by the Chamber of Architects of Lower Saxony, Lavehaus – 2000. |
| 1. Special Mention – Students Hostel Design Competition Organized by the Students’ Representative Council of KNUST, Kumasi, Ghana – June 2000. |
| Certificates Awarded: | 1. Certificate of Appreciation as Facilitator and Trainer – International Practical Hands-on Workshop on Kumasi Trees: The Project of the Hearts from February 3 to March 14, 2025, Kumasi, awarded by KNUST, Manhyia Palace and Aalto University, Finland. |
| 1. Certificate of Participation in Safety and Security in African Universities. Organised by the Association of African Universities and hosted by the University of Technology, Mauritius from March 18 – 20, 2025. |
| 1. Certified Instructor, KNUST Online Teaching Training Course. Quality Assurance and Planning Unit, KNUST, September 2020 – 2022. |
| 1. Designing for Greater Efficiency Certificate – Excellence in Design for Greater Efficiencies (Edge) organized by the International Finance Corporation of the World bank Group, USA from 29th June – 3rd July 2020. |
| 1. *Certificate of Participation* – 10*th KNUST Summer School* on “Academia Industry Partnership for National Development’’ organised by Quality Assurance and Planning Unit of the Kwame Nkrumah University of Science and Technology, Kumasi. 2nd October – 5th October 2023. |
| 1. *Certificate of Participation* – *9th KNUST Summer School* on “SDGs and Universities: Actions Towards KNUST’s Mandate at 70 and Beyond’’ organised by Quality Assurance and Planning Unit of the Kwame Nkrumah University of Science and Technology, Kumasi. 31st August – 3rd September 2021. |
| 1. *Certificate of Participation* – *8th KNUST Summer School* on “Improving Quality of Higher Education Through Effective Measurement and Evaluation’’ organised by Quality Assurance and Planning Unit of the Kwame Nkrumah University of Science and Technology, Kumasi. 20th – 24th August, 2018. |
| 1. *Certificate of Participation* – *6th KNUST Summer School* on Strengthening the Linkage Amongst Academia, Industry and Government organised by Quality Assurance and Planning Unit of the Kwame Nkrumah University of Science and Technology, Kumasi. 15th – 17th August, 2016. |
| 1. Certificate of Participation – *5th KNUST Summer School* on Sustainable Development of Tertiary institutions in Ghana amidst Economic and security Challenges organised by Quality Assurance and Planning Unit of the Kwame Nkrumah University of Science and Technology, Kumasi. 17th to 20th August, 2015. |

**OTHER PROFESSIONALLY RELATED EXPERIENCES**

**Administrative Experience**

Having worked for more than 18 years in the university, I have developed and obtained a lot of experience by heading many critical units of the university and also serving on several Committees, Boards, and Facilitation roles within the university, nationally and internationally.

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| January 2022 to Date | **Dean, International Programmes Office**, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana  During my tenure as Dean for two terms, I worked seamlessly with our stakeholders and provided visionary leadership, thus, contributing to the enhancement of the internationalization agenda of KNUST. This has resulted in a series of unique accomplishments as listed below:   1. **Restructuring of the International Programmes Office** **into Units**   Following my appointment and desirous of achieving the vision I set for the IPO based on the Strategic Plan, Vice Chancellor’s Vision and internationalization agenda of KNUST, the following five units were created to enhance our effectiveness:   * 1. Collaborations and Partnerships Unit   2. Inbound and Outbound Exchanges Unit   3. Visibility and Communication Unit   4. Guest House Operations and Management Unit   5. Administrative Support Unit  1. **Development of Strategic Plan for the International Programmes Office**   A comprehensive strategic Plan has been developed for the IPO to guide her operations and focuses on the following themes:   * 1. Visibility and international branding of KNUST   2. Enhancing student exchange, research collaboration and partnership within the domestic and international land   3. Resource mobilization and management   4. Governance and institutional arrangements   5. Creating a conducive environment for international students  1. **High increases in Student and Faculty Mobilities and Scholarships**   Recognising the importance of mobilities for faculty and students, the IPO has worked with strategic partners whilst identifying new ones to increase mobilities and scholarships resulting in the following:   * 1. Mobility activities increased by over 200%   2. Technical University of Munich, Germany Africa Talent Programme for doctoral student exchange   3. McCall McBain Scholarships,   4. Otumfuor Education Foundation and Ghana Scholarship Secretariat support to study at the University of Memphis,   5. New Mexico Tech 2+2 programmes   6. Education Fairs for USA, Germany, UK, France, China etc.   7. Major partnership visits for university management   8. Francis Faki Amanquah Foundation scholarships  1. **Increase in internally generated funds**    1. Compared with previous tenure, IGF has increased by over 100% 2. **Acquisition of a 15-seater bus**    1. Compliments and supports greatly services rendered by the IPO 3. **Infrastructural development**    1. Refurbishment of the offices to increase in floor area FROM AN EXISITING 82.12sqm to 129.41sqm (157.58% increase) and having a massive facelift of the office and purchasing furniture.    2. Establishment of an International Students Centre available to university community.    3. Renovation of Singh and No. 45 Guest Houses including painting, introduction of new visitor’s washroom and remodeling one bathroom. 4. **Introduction of ground breaking international and exchange student welfare programmes**     1. *International Students Easter Homestay* – To foster cultural exchange and create a sense of belonging for international and exchange students during Easter by providing a warm Ghanaian cultural experience by connecting university staff with students.    2. *Akwaaba Night* – A welcome dinner and experience sharing and fun interaction for all international and exchange students by the Vice Chancellor and facilitated by the IPO annually.    3. *Oseikrom Bronya* – A Christmas fun-filled activities for international and exchange students during the easter to celebrate Christmas and increase bonding and giving them a home away from home.    4. *Around the World in a Day* – An immersive cultural experience designed to introduce students of KNUST Basic School to the diverse traditions, languages, and customs of the world through engaging in presentations, performances, storytelling, music, dance, and interactive sessions. Affords international students at KNUST to showcase the beauty of their cultures, thus, offering young learners a unique opportunity to explore global heritage without leaving their school.    5. *International Students Hangout* – Creating opportunities for networking, showing talents, learning new skills, experiencing personal growth, and connecting with peers in a fun filled environment. 5. **Comprehensive increase in the visibility of the International Programmes Office**    1. Creation of additional social media handles such as LinkedIn, Instagram and Tik Tok    2. Reopening of closed social media handles.    3. Over 1,000% increase in followers and presence.    4. Bi-monthly IPO briefs showcases all activities of the IPO.    5. Regular roadshows showcase activities, services and opportunities available.    6. Introduction of short video skits to highlight international and exchange student as well as faculty experiences at KNUST    7. Construction of an IPO visibility wall for all public official photos to create an identity for the office 6. **Appreciable increase in partnership activities**    1. More than 225 active partnerships since January 2022    2. Increase for institutions in France, Germany, and the United States    3. Strategic partnerships with Hubei University of Automotive Technology and Technical University of Munich, Germany greatly strengthened    4. Increases in mobilities and research funding. 7. **Highly successful enhancement of partnerships management**    1. Development of Partnership Management Platform, a tool developed in conjunction with the University Information Technology Services (UITS) to manage partnership    2. Development of the MOU compendium    3. Appreciation for initiators of MOUs including awards for the very successful ones 8. **Standardization of processes for ease of implementation and creation of new documents**    1. Student Mobility application process    2. Outbound Mobility pre-departure protocol    3. International Programmes Office Guide for international Students and Visitors    4. The IPO Navigator: Manual for Operations, Exchanges and Strategic Collaborations for Intertionalization      1. **Partnerships for Impact Agenda**    1. In collaboration with Women in STEM Ghana we successfully held a capacity-building workshop for 95% of the newly employed senior members (2023 to 2025) on the theme "Strategic Career Mastery: Navigating the New World of Work." Inspiring sessions facilitated by Mrs. Millicent Clarke, retired Regional Head of HR for Standard Chartered Africa and Middle East. Attendees gained invaluable insights on career management, personal branding, and professional growth.    2. Partnered with WiSTEM- KNUST and the Laboratory for Interdisciplinary Statistical Analysis (LISA-KNUST) to organize a 1-week Capacity Building Workshop in Statistical Data Analysis for Female Senior Members (Academic and Administrative Professional) appointed 2020 to 2022. 2. **Increase in Staff Numbers and Training**     1. With the restructuring of the governance structure, and the introduction of a Vice Dean, staff of the IPO was increased from **11 to 21** to cope with the expanded workload flowing from the vision of leadership for the IPO.    2. Periodic training of staff including ICT skills and Microsoft suite programmes.    3. Bi-monthly staff meeting to review activities and plan for upcoming ones whilst sharing new ideas for achieving the mandate of the IPO. |
| December 2023 to Date | **Ghanaian Director, Confucius Institute**, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana  Following my appointment as Ghanaian Director, and recognising the existence of two prior Confucius Institutes at the University of Ghana and the University of Cape Coast, and desirous of the creation of a unique Institute that reflects the science and technology focus of KNUST, I have worked with a multicultural and international team and provided farsighted leadership, thus, contributing to the promotion of Chinese language education, cultural exchange, and China-Africa industrial collaboration. This has resulted in a series of unique accomplishments as listed below:   1. **New Offices for Confucius Institute at KNUST**    1. Existing space at the Central Classroom Block at KNUST has been redesigned and refurbished into a facility for CI KNUST.    2. Facilities include offices for the Ghanaian Director, Chinese Director, Deputy Directors, Teachers Offices 1 and Teachers Offices 2, Conference room, Administrator, Finance, kitchen, and reception. 2. **Teaching and Examination**    1. Creation of four Teaching Centers (Kumasi Technical University, KNUST Senior High School, KNUST Basic School, and Hill Top International School, Kumasi).    2. A HSK Chinese Test Centre has been approved and established at KNUST to serve the northern sector of Ghana starting from Kumasi.    3. Chinese minor has been sustained with the recruitment of new teachers following the end of tenure of previous lecturers. 3. **Introduction and enhancement of Cultural Activities**   One of the major focal themes of Confucius Institutes is cultural experiences and exchanges. This has seen a lot of growth under my leadership with the achievement of the following:   * 1. Traditional festival celebrations such as mid-autumn festival, lantern festival and first year anniversary celebrations of the Institute have all been held successfully.   2. Chinese International Day successfully held for 2024 and 2025   3. Participation in national Chinese Bridge Competitions  1. **China-Africa Automotive Development Forum**   A strategy to harness the strengths of our partners, Hubei University of Automotive Technology in China has driven the establishment of an Automotive Development Forum organised each year and rotated between KNUST and HUAT resulting in the following:   * 1. Two international automotive development forums have been successfully held in Shiyan Province in China and at the College of Engineering, KNUST in Ghana.   2. The 2025 forum in Ghana focused on intelligent manufacturing of lightweight electric vehicles that brought together scholars, innovators, policymakers, and entrepreneurs from across Africa, China and Ghana to share knowledge, showcase technologies, and chart a sustainable path for Africa’s automotive industry.  1. **Industry-Academia Collaboration**    1. Working on joint automotive R&D Centre with Truckinn Limited to advance technology transfer and talent development.    2. Working closely with entrepreneurs in Ghana such as Ms. Yang Yang, CEO of Zonda Tech Ltd who has been appointed as honorary Professor at Hubei University of Automotive Technology to consolidate operations of CI KNUST with enterprises. 2. **Facilitating Cultural Research Centre**    1. Partnered with the International Programmes Office to establish the Hubei University of Automotive Technology West Africa (Ghana) Research Centre in November 2024.    2. CI Teachers actively engaged in founding ceremonies of different Chambers of Commerce in Ghana in collaboration with Chinese enterprises through cultural performances. 3. **Partnerships and Mobility**    1. Two Principals tour to China successfully held in 2024 and 2025 led by Ashanti Regional Ministers and senior university management    2. Summer camp for students to China successfully held in 2024 4. **Honours and Recognition**     1. Won championship in “Chinese Bridge” Chinese Proficiency Competition for Foreign Middle School Students at UCC. Winner from KNUST Basic School to represent Ghana for global challenge in China.    2. Awarded “Excellent Confucius Institute in Media Engagement of 2024” by Chinese International Education, being one of 61 Cis out of 500 of such institutes globally.    3. Won third prize in the “100 Reasons to Love Learning Chinese” short video competition, being one of only two CIs in Africa.    4. Chinese Ambassador’s scholarship programme successfully held for 2024 and 2025 |
| 2025 | **Chairman**, Logistics and Organisation Sub-Committee, 11th KNUST Summer School Planning Committee |
| 2024 – Date | **Chairman,** Graduate Programmes Committee, Department of Architecture, Kwame Nkrumah University of Science and Technology, Kumasi |
| 2024 – Date | **Coordinator,** Graduate Programmes, Department of Architecture |
| 2023 | **Chairman**, Logistics and Organisation Sub-Committee, 10th KNUST Summer School Planning Committee |
| January 2022 to Date | **Member, Executive Committee,** Kwame Nkrumah University of Science and Technology, Kumasi |
| January 2022 to Date | **Member, Academic Board,** Kwame Nkrumah University of Science and Technology, Kumasi |
| January 2022 to Date | **Member, Planning and Resources Committee,** Kwame Nkrumah University of Science and Technology, Kumasi |
| January 2022 to Date | **Chairman, International Programmes Office Board,** Kwame Nkrumah University of Science and Technology, Kumasi |
| 2021 – 2022 | **Chairman,** Course Development Committee, Faculty of Built Environment, Kwame Nkrumah University of Science and Technology, Kumasi |
| 2019 – 2021 | **Examinations Officer, College of Art and Built Environment,** Kwame Nkrumah University of Science and Technology, Kumasi |
| 2018 – 2021 | **Chairman**, Logistics and Organisation Sub-Committee, 9th KNUST Summer School Planning Committee |
| 2017 – 2021 | **Coordinator,** Undergraduate Programmes, Department of Architecture, Kwame Nkrumah University of Science and Technology, Kumasi |
| 2018 – 2019 | **Assistant Examinations Officer,** College of Art and Built Environment, Kwame Nkrumah University of Science and Technology, Kumasi |
| 2018 – 2019 | **Chairman**, Logistics and Organisation Sub-Committee, 8th KNUST Summer School Planning Committee |
| 2016 – 2020 | **Chairman –** Senior Staff Housing Committee, Kwame Nkrumah University of Science and Technology, Kumasi |
| 2016 – 2019 | **Chairman –** Quality Assurance Committee,College of Art and Built Environment, Kwame Nkrumah University of Science and Technology, Kumasi |
| 2016 – 2018 | **Assistant Examinations Officer,** Faculty of Built Environment, Kwame Nkrumah University of Science and Technology, Kumasi |
| 2015 – 2016 | **Examinations Officer,** Department of Architecture, Kwame Nkrumah University of Science and Technology, Kumasi |
| 2008 – 2010 | **Examinations Officer,** Department of Architecture, Kwame Nkrumah University of Science and Technology, Kumasi |
| 2007 – 2008 | **Assistant Examinations Officer,** Department of Architecture, Kwame Nkrumah University of Science and Technology, Kumasi |
| January to July 2014 | **Post-Doctoral and Research Associate**, Michigan State University; School of Planning, Design, and Construction; Construction Management Department; East Lansing, Michigan, USA  Having completed my doctoral studies 8 months ahead of schedule and being appointed a Post-Doctoral and Research Associate, under the supervision of accomplished Professor of Sustainable Construction Management, Prof. Matt Syal, I achieved the following:   1. **Research Associate on Sustainability (Specialty – Abandonment and Deconstruction)**    1. Research into abandonment prevalent in Detroit and other cities of the United States of America.    2. Research into deconstruction as a contemporary concept for material efficiency and cost comparison matrix for demolition of abandoned buildings.    3. Methods comparison for abandonment and demolition for contractors.    4. Change Order Protocol for Electrical and Low Voltage Contractors in the United States of America. 2. **Instructor for CMP 222 – Statics and Strength of Materials**    1. Semester course taught to second year undergraduate students of the Construction Management Programme |
| 2006 to Date | **Chartered Architect/Sustainability/Inclusivity Consultant/ Distinguished Project Management Professional/Researcher** in the built environment industry working on projects in Ghana, Sierra Leone and United States.  During my various role indicated above over the past 18 years, I have worked with teams and partners to achieve some notable accomplishments including the following:   1. Project Architect, Construction of 2,500 capacity auditorium for the Church of Pentecost, McKeown Temple, Asokwa District, Kumasi. 2. Design and construction consultancy service to the nation for the 12-story new head Office building for the Church of Pentecost in Accra. 3. Design and construction consultancy service to the university for the 3-story new School of Graduate Studies complex, Kwame Nkrumah University of Science and Technology. 4. Design and construction consultancy service to the nation for the 4 story 280-bed dormitories, 2no two-bedroom apartment, with library for Pentecost Preparatory School, Koforidua. 5. Project lead for the rural architecture study in Ashanti region leading to the writing of a book titled: Reimagining the future of our rural communities – Circularity, Entrepreneurship, Resilience, Partnership. The Case of Takyikrom and its Neighbouring Communities funded by the Greece Embassy in Ghana (2023). 6. Co-Lead and Sustainability Expert, and Construction Project Management Consultant for Ghana Smart SDG Cities in Collaboration with UN-Habitat funded by the Norwegian Ministry of Foreign Affairs to implement Smart SDG Cities in 10 Ghanaian cities. Location: (1) Abuakwa South Municipal Assembly; (2) Obuasi Municipal Assembly; (3) Wenchi Municipal Assembly; (4) Kumasi Metropolitan Assembly; (5) Sekondi/Takoradi Metropolitan Assembly; (6) Ketu North Municipal Assembly; (7) Komenda-Edina-Eguafo-Abirem Municipal Assembly; (8) Accra Metropolitan Assembly; (9) Tamale Metropolitan Assembly; (10) Techiman Municipal Assembly.      1. Sustainability Expert Consultancy Services for the Sustainable Smart City Development Project-Kyebi (SUSCID-KYEBI).      1. Inclusive Architectural Design Concepts and Strategies for Accessible Employment Promotion and Training Institutions in Ghana leading to the writing of a book on inclusive architecture titled: Guideline on Inclusive Architectural Design Concepts and Strategies for TVET. 2. GHACEM Mobile Cement Academy to offer training in anything cement from current trends to innovative future of cement. 3. Lead Supervisor and Sustainability/Smart City for “Exploring Barrier free as a Catalyst to Smart Cities Initiatives in Universities in Ghana” project, Department of Architecture, KNUST – Kumasi. 4. Design and construction consultancy service to the nation for the 1000-bed accommodation facility at the Pentecost Convention Center for the Church of Pentecost, Gomoa Fetteh, Central Region. 5. Design and construction consultancy service to the nation relating to the design of over 40 and management of the Construction of over 100 Church Buildings and Mission Houses for the Church of Pentecost, Ejisu Area (2015 – 2025). 6. Design consultancy service to the nation for the Renovation of the Kitchen of Pope John Senior High School and Minor Seminary, Koforidua, Eastern Region (2018). 7. Design consultancy service to the nation for the Community Police Station for Sefwi Wiawso, Western North Region on behalf of Xylogy (2015). |

**5. UNIVERSITY TEACHING EXPERIENCE**

**A. Academic Ranks Held**

Aug. 2020 – to date **Associate Professor,** Department of Architecture, Kwame Nkrumah

University of Science and Technology, Kumasi, Ghana

Aug. 2015 – Jul 2020 **Senior Lecturer,** Department of Architecture, Kwame Nkrumah

University of Science and Technology, Kumasi, Ghana

Sept. 2006 – Jul 2015 **Lecturer,** Department of Architecture, Kwame Nkrumah University of

Science and Technology, Kumasi, Ghana

**B. Courses Taught to Date**

**Since my appointment as a Lecturer in September 2006 (18 years),** I have contributed greatly by exhibiting outstanding teaching in the Departments of Architecture, Planning, and Construction Technology and Management. Kindly find below all the courses I have taught at the various levels in the university below.

**Postgraduate Level at the Department of Architecture**

2014 – Date ARC 813 Project Management I (PhD/MPhil Architecture Year 1)

2014 – Date ARC 814 Project Management II (PhD/MPhil Architecture Year 1)

2024 – Date ARC 657 Architectural Design Thesis I (M. Arch Year 2)

2024 – Date ARC 658 Architectural Design Thesis II (M. Arch Year 2)

2014 – 2022 ARC 657 Architectural Design Thesis I (M. Arch Year 2)

2014 – 2022 ARC 658 Architectural Design Thesis II (M. Arch Year 2)

2014 – Date ARC 559 Professional Practice and Management I (M. Arch Year 1)

2014 – Date ARC 560 Professional Practice and Management II (M. Arch Year 1)

2014 – Date CTM 570 Sustainable Construction (MSc Cont. Mgt. Year 1)

2019 – 2021 PLG 551 Green Infrastructure and Sustainable Cities

2006 – 2010 ARC 555 Cost Planning and Control (PG Dip. Arch Year 1)

2006 – 2010 ARC 556 Project Management (PG Dip. Arch Year 1)

**Postgraduate Level at the Department of Construction Technology and Management**

2014 – Date CTM 570 Sustainable Construction (MSc Cont. Mgt. Year 1)

**Postgraduate Level at the Department of Planning**

2019 – 2021 PLG 551 Green Infrastructure and Sustainable Cities

**Undergraduate Level at the Department of Architecture**

2014 – Date ARC 457 Professional Practice and Management (B.Sc. Arch Year 4)

2014 – Date ARC 362 Design Economics (B.Sc. Arch Year 3)

2006 – 2010 ARC 353 Design Economics (B.Sc. Arch Year 3)

2022 – 2024 ARC 257 Architectural Design Studio I (BSc. Architecture Year 2)

2022 – 2024 ARC 258 Architectural Design Studio II (BSc. Architecture Year 2

2008 – 2010 ARC 251 Rural Culture and Architecture (Arch Year 2).

2008 – 2010 ARC 252 Design in the Rural Environment (Arch Year 2)

2006 – 2008 ARC 151 Rudiments of Architecture (Arch Year 1).

2006 – 2008 ARC 152 Introduction to Architectural Design (Arch Year 1).

2006 – 2007 ARC 161 Settlement Planning and Design (Arch Year 1)

**Undergraduate Level at the Department of Construction Technology and Management**

2008 – 2010 CTM 154 History of Construction – Regular Learning Stream (BT Year 1)

2008 – 2010 BT 160 History of Construction – Distance Learning Stream (BT Year 1)

**Undergraduate Level at the Department of Planning**

2007 – 2010 PL 364 Architectural Design for Planners (Settlement Planning Year 3)

**C. Supervision of Student Project Works/Theses/Research**

Since my appointment over 18 years ago, I have supervised **176** students comprising **97** postgraduate students (Ph.D., MPhil, MSc., M. Arch, PGDip) and **79** undergraduate students (BSc. Architecture) on various aspects of architecture, building technology and development research to proffer practical solutions to academia, industry, policy makers, and governance systems to address developmental challenges in the built environment of Ghana to guide her growth.

**Summary of Student Supervision (Completed and Ongoing)**

|  |  |  |
| --- | --- | --- |
| Programme | Students Completed | Students Ongoing |
| PhD | 7 | 12 |
| MPhil | 1 | - |
| M Arch | 47 | 5 |
| MSc | 3 | 1 |
| PGDip | 21 | - |
| BSc | 73 | 6 |
| Total | **152** | **24** |

**D. Details of PhD Students Supervision (Completed)**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| S/N | | Year | | Student | | | Topic | Status | |
| 1 | | 2025 | | David Mbabil Dokyen | Sustainable and Affordable Housing in Ghana Using Frugal Innovation | | | Completed | |
| 2 | | 2024 | | Desmond Opoku | | | Framework for Promoting Indigenous Building Materials for Housing in Ghana | | | Completed |
| 3 | | 2023 | | Adwoa Difie Ampadu-Asiamah | | | Performance Evaluation of Buildings: An Indoor Environmental Quality Assessment Framework for Existing Classrooms in Basic Schools in Ghana | | | Completed |
| 4 | | 2023 | | Justice Offei-Nketiah | | | Smart Building Regulatory Framework for Sustainable Development in Ghana | | | Completed |
| 5 | | 2022 | | Joseph Agyei Danquah | | | Exploring Barrier Free as a catalyst for Smart City Concept in Universities in Ghana | | | Completed |
| 6 | | 2021 | | Lee Felix Anzagira | | | Towards an Uptake Framework for the Green Building Concept: The Case of Ghana | | | Completed |
| 7 | | 2020 | | Kwabena Fosuhene Mosner-Ansong | | | Behavioural Change Framework for Reducing Electric Energy Wastage in Ghanaian Households | | | Completed |

**E. Details of MPhil Students Supervision (Completed)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| S/N | Year | Student | | Topic | Status |
| 1 | 2016 | Boateng Duah | Local Building Materials for Sustainable Development in the Construction Industry. | | Completed |

**F. Details of MSc Students Supervision (Completed)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| S/N | Year | Student | | Topic | Status |
| 1 | 2018 | Randy Amoateng | Staff Accommodation for Health Workers: A Case Study of the Komfo Anokye Teaching Hospital | | Completed |
| 2 | 2018 | Bernard Boamah Asante | Assessing the Significance of Effective Resource Management in Quality Delivery of Construction Projects | | Completed |
| 3 | 2018 | David Selorm Danso | The Development of a Framework for the Uptake of Net zero Energy Buildings in Ghana | | Completed |

**G. Details of M Arch Students Supervision (Completed)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| S/N | Year | Student | | Topic | Status |
| 1 | 2024 | Ama Serwa Nyameye Markin | Exploring Inclusive Water-Based Tourism as a Catalyst for Rural Development in Kwahu Afram Plains (Inclusive Waterfront Resort, Zigakope) | | Completed |
| 2 | 2024 | Herbert-Browne Asunsua | Optimising Cross-Border Trade: Integrating Inland Freight Villages at Border Post to Enhance Cross-Border Trade at Border Towns: The Case of the Paga Border (Freight Village, Paga) | | Completed |
| 3 | 2024 | Calvin Nsorbilla Ayoreko | Implementing Digital Solutions for the Development of Smart Villages in Ghana: Case of Bongo (Rural Digital Hub, Bongo) | | Completed |
| 4 | 2024 | Eugene Owusu Adams | Sustainability and University Housing: Potential Ways to Promote Sustainable Practices Among University Staff Housing on Campus (Senior Members Sustainable Housing, KNUST) | | Completed |
| 5 | 2024 | Barnabas Kissibugum | Active Aging: A Retirement Resort as a Living Environment for Improving Well-Being in Ghana (Retirement Resort, Kokrobite) | | Completed |
| 6 | 2024 | Emmanuel Tetteh Holomah | Circularity and Fashion: Exploring the Role of Architecture as an Adjuvant Towards a Circular Fashion Economy in Ghana (Innovative Clothing Upcycling Locus, Krokobite) | | Completed |
| 7 | 2024 | Stephanie Ofori-Asare | A Framework for Independent Living through Vison Rehabilitation for Persons with Vision Impairment in Ghana (Vision Rehabilitation Centre, KNUST) | | Completed |
| 8 | 2023 | Michelle Nateki Agbozo | Adoption of Indigenous Building Materials for the Improvement of Rural School Infrastructure: The Case of Kansakrom, Ghana (Redesign of Kansakrom D/A Basic School) | | Completed |
| 9 | 2023 | Nana Dokua Sintim | Investigating Therapeutic Architecture as a Tool to Promote Positive Mental Health of University Students on KNUST Campus (Student Wellness Centre, KNUST) | | Completed |
| 10 | 2023 | Barbara Dede Humphreys | Enhancing Multicultural Architecture Through Unity in Ghana: A Case of a New Social Centre for Children in Ghana (Multicultural Centre for Children, Accra). | | Completed |
| 11 | 2023 | Felix Opoku | Eco-Industrial Parks: A Tool for Promoting Economic Development in Ghana Through Cocoa Processing (Cocoa Eco-Industrial Park, Ofoase Kokoben – Bekwai). | | Completed |
| 12 | 2022 | Marina Ansah | Unburdening the Load: Augmenting a Better Life for the Head Porters at the Agbogbloshie Market (Kayayo Transitional Village) | | Completed |
| 13 | 2022 | Benedicta Quarshie | Breaking Away for Recreation: An Analysis of the Accessibility of  Recreational Facilities in Ghana (Accessible Holiday Village) | | Completed |
| 14 | 2022 | Naa Dzormo Coffie | An Exploration of Mushroom Rocks/Caves as a Catalyst for Community Based Ecotourism in Ghana (Eco Park Resort, Wulling) | | Completed |
| 15 | 2022 | Janos Mensah | Promoting Heritage Tourism in James Town Through Sustainable  Architecture (Arts and Cultural Exhibition Centre, James Town) | | Completed |
| 16 | 2022 | Prosper Atibila Amoah | Exploring the Role of Innovation Spaces in Promoting Entrepreneurship and Development in Ghana (Business Incubator, Kumasi) | | Completed |
| 17 | 2021 | Ivana Tracey Adwoa Odamea Frimpong | Living with Dementia: A Framework for Living Spaces of Elderly Living with Dementia (Dementia Village, Accra) | | Completed |
| 18 | 2021 | Alfred Kweitsu | Special Needs Programme: The Case of Diagnostic Care for Children with Learning Disabilities in Ghana (National Diagnostic Centre for Children with Learning Disabilities, Accra) | | Completed |
| 19 | 2021 | Dodzi Sefakor Kukubor | Filling the Gap: A Framework for the Design of Educational Facilities for Autistic Children in Ghana (Educational Centre for Autistic Children, Kumasi). Roberta | | Completed |
| 20 | 2021 | Lady Kukua Atta-Peters | Health Caring Architecture; An Inclusive Approach for Children’s Hospital in Ghana (Inclusive Children’s Hospital, Accra) | | Completed |
| 21 | 2021 | Ronald Andrew Monney | Clearing the Traffic: The Potential of Modal Integration in Ghana’s Freight Transport System (Intermodal Freight Terminal, Yapei). | | Completed |
| 22 | 2021 | Andrew Yaw Kwaasi Djin | A Framework for Respite Care for Persons with Disability in Ghana (Urban Respite Centre for Persons with Disability, Kumasi) | | Completed |
| 23 | 2020 | Farid Farhat | Reimagining Retirement: Addressing Elderly Isolation, Neglect and Desperation Through Barrier Free Architecture (Old Peoples Home, Accra) | | Completed |
| 24 | 2020 | Cyrus Wireko Wiredu | Business Hub as a Strategy for Sustainable Urban Redevelopment: The case of Atonsu (Corporate Business Hub, Atonsu) | | Completed |
| 25 | 2020 | Lukman Kura Abraham Safo | Sustainable Landuse Application to Civic Centres in Ghana (Regional Administrative Centre, Damongo) | | Completed |
| 26 | 2019 | Efua Eyidey Tetteh | Playgrounds as the Missing Element in Ghana: The Case of Efua Sutherland Children’s Park (Redesigning Efua Sutherland Children’s Park, Accra) | | Completed |
| 27 | 2019 | Ama Foriwaah Dwumah | An Assessment of Standards and Infrastructure of Basic Schools in Ghana’s Educational System (Redesign of Akosa M/A School; Model Basic School, Bantama) | | Completed |
| 28 | 2019 | Moses Opoku Afriyie | Modern Trends in Firefighters Training in Ghana: The Case of Ghana National Fire Service (Fire Academy and Training School, Duayaw-Nkwanta) | | Completed |
| 29 | 2019 | Cyril Tettey Tetteh | Harnessing the Ecotourism Potential of Avatime for Socio-Economic Development (Avatime Mountain Resort, Amedzofe – Volta Region) | | Completed |
| 30 | 2019 | Gabriel Yaw Osei | Evaluation of the State and Current Standards of Markets in Kumasi: The Case of Bantama Market, Kumasi (Redesign of Bantama Market, Kumasi) | | Completed |
| 31 | 2018 | Ernest Osei-Poku | An Evaluation of Models and Standards of Senior High Schools in Ghana’s Educational System (Model Senior High School, Kumasi) | | Completed |
| 32 | 2018 | Aaron Manu Ohemeng | Modern Trends of Police Training: The Case of Ghana Police Academy (Police Training Academy) | | Completed |
| 33 | 2018 | Prince Osei Adjei | An Investigation into Sustainable Mixed-Use Planning for University Campus: A Case for University of Energy and natural Resources (UENR), Sunyani (Smart University Campus, UENR, Sunyani) | | Completed |
| 34 | 2018 | Sampson Kusi | Awareness and Acceptance of Renewable Energy Technologies in Ghana: Implications for Socio-Economic Development (Renewable Energy Centre, Fumesua) | | Completed |
| 35 | 2017 | Mawuko Abotsi | Exploring Ecotourism as a Local Development Catalyst: The Case of Gbledi (Afadjato Ecotourism Camp, Gbledi) | | Completed |
| 36 | 2017 | Kwame Agyei Twumasi-Ankrah | Revitalization of Theme Parks Through Culture: The case of Kumasi – Ghana (Anansekrom Theme Park, Nkoranza – Kumasi) | | Completed |
| 37 | 2017 | Prince Michael Yao Segbefia | Technology Parks; A Sustainable Solution to Graduate Unemployment in KNUST, Kumasi (Sustainable Technology Park, KNUST – Kumasi) | | Completed |
| 38 | 2017 | Kwadwo Frimpong | Sustainable Redevelopment of City Centres, The case of Takoradi (Redevelopment of Takoradi City Centre) | | Completed |
| 39 | 2016 | Patrick Azoeya Anyedina | Technologizing Small and Medium-Sized Businesses (Savannah Innovation Hub, Bolgatanga – Ghana | | Completed |
| 40 | 2016 | Prince Osei Tutu | Improving the Culture, Architecture, and the Business of Funerals (Adaptable Event Centre for Funerals in Kumasi) | | Completed |
| 41 | 2016 | Dean Swanzy Essuman | Improving Participation in Lesser-Known Sports in Ghana: The case of Tennis (Tournament Centre for Tennis, Dodowa – Accra) | | Completed |
| 42 | 2016 | Peter Akese Korsah | The Architecture of Journalism: Improving Journalism Education in Ghana (Ghana School of Journalism, Kumasi) | | Completed |
| 43 | 2015 | Adu Boahen Gyan | Green Urban Mixed-Use Habitat, Ridge Residential Area, Kumasi | | Completed |
| 44 | 2015 | Richard Adu Koranteng | An Evaluation of Commercial Transit Centres, Nsawam (Train Station Design – Nsawam) | | Completed |
| 45 | 2008 | Bernard Affreh | Flexibility and Adaptability in Hospital Design – Creating Universal Space (Proposed Gynaecology Centre for KNUST Teaching Hospital) | | Completed |
| 46 | 2008 | Yaa Tanoah Mensah | Training of Fire Fighters: A Case for the Provision of Basic and Specialized Facilities (Proposed Fire Fighting Training Institute, Tanoso) | | Completed |
| 47 | 2008 | Patricia Taylor | Improving Children’s Parks in Kumasi (Children’s Park, Kumasi) | | Completed |

**H. Details of PGDip Students Supervision (Completed)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| S/N | Year | Student | | Topic | Status |
| 1 | 2010 | Cephas Achamfuo-Yeboah | Preservation of Our Cultural Heritage: The Case of Museums as Educational and Economic Centres. | | Completed |
| 2 | 2010 | Palmer Ofori Nyarko | Regional Court Complex: Tema | | Completed |
| 3 | 2010 | Jerry Kwabena Fenning | Military Barracks | | Completed |
| 4 | 2010 | Jacob Homiah Nyamekye | Holiday Village | | Completed |
| 5 | 2010 | Ethel Emefa Appeti | Sports Complex, Accra | | Completed |
| 6 | 2010 | Fred Asong-Ntiri | Sports Complex, Kumasi | | Completed |
| 7 | 2010 | Delali Asigbey | Youth Health Centre | | Completed |
| 8 | 2010 | Nana Akuamoah Boateng Baah | Children’s Home, Accra | | Completed |
| 9 | 2010 | Richard KYEI Baffuor | Children’s Home, Kumasi | | Completed |
| 10 | 2010 | Stephen Leslie Turkson | Centre for Performing Arts, Cape Coast | | Completed |
| 11 | 2009 | Nana Appiah-Boadu | Assembling Plant | | Completed |
| 12 | 2009 | Dennis Kwame Domfeh Bandoh | Architecture House, Accra | | Completed |
| 13 | 2009 | Hannie Khoury | Regional Court Complex, Wa | | Completed |
| 14 | 2009 | Samuel Doetey Nartey | Correctional facility | | Completed |
| 15 | 2009 | Palmer Ofori-Nyarko | Regional Court Complex, Tema | | Completed |
| 16 | 2009 | Kwaku Osei-Adu | Train Terminal, Accra | | Completed |
| 17 | 2007 | Joshua Akwaa Boateng | Design of a Student Hostel with Ancillary Facilities for the Christian Service University College, Kumasi | | Completed |
| 18 | 2007 | Mabel A. M. Darko | Redesign – Mallam Atta Market, Accra | | Completed |
| 19 | 2007 | David Donkor | Student Hostel Village of Cape Coast University | | Completed |
| 20 | 2007 | Derek Nii Tetteh Hammond | KNUST Security Personnel Accommodation and Lodging, Kumasi | | Completed |
| 21 | 2007 | Richard Oteng-Seifah | Commercial Complex – Tafo, Kumasi | | Completed |

**I. Details of BSc Students Supervision (Completed)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| S/N | Year | Student | | Topic | Status |
| 1 | 2024 | Kofi Acheampong Akuamoah Boateng | Strategies for the Uptake of Eco-Friendly Materials for Residential Buildings: A Case of Accra – Kwabenya | | Completed |
| 2 | 2024 | Sheila Awumbila Astanga | Green-Driven Approach to Designing Resilient Bus Shelters | | Completed |
| 3 | 2024 | Pamela Nanor | Investigating the Strategies for the Uptake of Net Zero Energy (NZEB) Building Principles in High-End Residential Homes, in the Case of Accra, Ghana | | Completed |
| 4 | 2024 | Nancy Mawuenam Foli | Comparing Traders’ Spatial, Ventilation, and Lighting Satisfaction Levels of Redeveloped Urban Markets in Ghana: The Case of the New Kejetia Market | | Completed |
| 5 | 2024 | Awo Asiedua Boohene | Studying the Impacts of Incorporating Urban Green Spaces into Accra’s Urban Planning to Enhance the Living Conditions of its Residents | | Completed |
| 6 | 2024 | Rebecca Degraft-Etsison | Strategies for Making Affordable Housing Sustainable | | Completed |
| 7 | 2023 | Melvin Alimsiwon Awiapo | An Assessment of Barrier free Design in University Hostels: A Case Study of KNUST Campus | | Completed |
| 8 | 2023 | Jesse Awenyateme Awasinab | Exploring Effectiveness of Walkability and Bikeability Indices on Pedestrian and Cyclist Safety | | Completed |
| 9 | 2023 | Abigail Yaa Antwi | Improving the Architectural Design Studio as an Internal Learning Environment in Ghanaian Universities (KNUST) | | Completed |
| 10 | 2023 | Brian Adu | Assessment of Indoor Environmental Quality in Classrooms: A Case of KNUST | | Completed |
| 11 | 2023 | Judith Owusu Ansah | Assessment of the 21st Century Tertiary Students Attitude Towards the Maintenance of Public Buildings | | Completed |
| 12 | 2023 | Prince Owusu Ansah | Comfort of Students in Their Hostels | | Completed |
| 13 | 2022 | Alexander Ansah Asare | Evaluating the Level of Accessibility of Lecture Halls in the Faculty of Built Environment: The Case of KNUST | | Completed |
| 14 | 2022 | Keziah Gyimah | Improving the Patronage of Local Building Materials in the Construction Industry in Ghana | | Completed |
| 15 | 2022 | Beryl Amartey | An Enquiry into the State of Architectural Heritage Buildings: The Case of Jamestown | | Completed |
| 16 | 2022 | Mabel Bannasim | Child Friendliness in the Design of Preschools in Oforikrom Municipality Using Architectural Interventions | | Completed |
| 17 | 2022 | Prince Adzah | Assessment of User Perception of Indoor Environmental Quality (IEQ) in Lecture Halls/Theatres on KNUST Campus as Influenced by Window Types. | | Completed |
| 18 | 2022 | Calvin Ayoreko | Analyzing the Level of Disability Inclusiveness in College Buildings of Tertiary Institutions: The Case of KNUST | | Completed |
| 19 | 2022 | Pearl Owusua Berko | The Regenerative Concept: A Framework for Assessment of Educational Institutional Buildings on KNUST Campus | | Completed |
| 20 | 2021 | Vandy Kenah | A Review of Sustainable Design Principles in Architecture from 2000 to 2020 | | Completed |
| 21 | 2021 | Owusu Eugene Adams | PWD Access in University Hostels: A Case Study KNUST | | Completed |
|  | 2021 | Fredrick Matey Azu | The Defects of Poor Design on Building Maintenance – The Case of Residential Buildings | | Completed |
| 22 | 2021 | Phoebe Naa Akweley Laryea | An Analysis of the Advantages of Practicing Sustainable Architecture | | Completed |
| 23 | 2021 | Samuel Martey Nsiah | The Concept of Green Architecture in the Indigenous Ghanaian Architecture Context | | Completed |
| 24 | 2021 | Kelvin Kwame Owusu | Promoting Sustainability through Tropical Modernism | | Completed |
| 25 | 2021 | Stephanie Davis | A Comparative Study on the Effects of maximizing Green Spaces in Residential Areas: A Case Study of Ayigya and Nhyeaso | | Completed |
| 26 | 2021 | Kofi Ankomah Jnr. | Green Spaces in Residential Designs: Optimization and Maximization | | Completed |
| 27 | 2020 | Millicent Akayesi | Evaluating the Accessibility of Religious Buildings in Ghana: Case Study of Kumasi | | Completed |
| 28 | 2020 | Benedicta Quarshie | Towards a Barrier Free Education: An Analysis of Colleges of Education Campuses in the Ashanti Region of Ghana | | Completed |
| 29 | 2020 | Pius Kofi Nimoh | Electricity Consumption Pattern and Usage Reduction in Lecture Halls, KNUST – Kumasi | | Completed |
| 30 | 2020 | Michael Dzidzah | Sustainable Pedestrian Friendly Road Rating System for University Campus in the Case of the University of Cape Coast, Ghana | | Completed |
| 31 | 2020 | Dennis Okopti Konney | The Sustainable Building Landscape of Ghana: The Perspective of 50 Buildings in Accra and Kumasi | | Completed |
| 32 | 2020 | Kwabena Ofei Badu | Design Criteria for Sustainable Public Car Parks in Kumasi | | Completed |
| 33 | 2020 | Christopher Osei Kusi | Assessing the Potentials of Old Buildings for Adaptive Reuse and Sustainable Development in Old Accra. | | Completed |
| 34 | 2020 | Frederick Eyram Attah | Architecture and Maintenance Culture: A Framework for Halls of Residence in Tertiary Institutions using KNUST as Case Study | | Completed |
| 35 | 2019 | Adel Maria Farhat | The Role of Interior Design in the Indoor Environmental Quality of Residential Buildings within Tropical Climates | | Completed |
| 36 | 2019 | Sefakor Kukubor | Assessing the Sustainability and Residential Occupants’ Satisfaction in Midrise Hostels in Ghana. Roberta Dodzi | | Completed |
| 37 | 2019 | David Oduro Baah | Green Campus Cycle: A Framework for Improving Cycling on University Campuses | | Completed |
| 38 | 2019 | Ronald Andrew Monney | Building Occupant Behaviour and its Effect on Energy and Water Wastage in University Residential Halls: The Case of Unity Hall, KNUST | | Completed |
| 39 | 2019 | Emmanuel Osafo Addo | Assessment of Occupants’ Satisfaction with Students Housing Quality: The Case of Hostels Around KNUST Campus | | Completed |
| 40 | 2019 | Yvette Akyamaa Annang | Sustainable Approaches to Rainwater Harvesting in Kumasi | | Completed |
| 41 | 2019 | Jonathan Amrago | Spatial Planning Decisions and its Effect on Urban Sustainability – The Case of Ayeduase | | Completed |
| 42 | 2018 | Cyrus Wireko Wiredu | Sustainable Street Rating Guide for University Campuses in the Case of University of Education, Winneba | | Completed |
| 43 | 2018 | Bandy Bannerman | Sustainable Street Rating Guide for University Campuses in the Case of University for Development Studies | | Completed |
| 44 | 2018 | Stephen Tettey Mensah | Sustainable Street Rating Guide for University Campuses in the Case of University of Ghana, Legon | | Completed |
| 45 | 2018 | Nuhu Abdul Razak | Sustainable Street Rating Guide for University Campuses: The Case of University for Development Studies, Wa Campus | | Completed |
| 46 | 2017 | Farid Farhat | Determining the Influence of Indoor Environmental Quality on Stakeholders’ Choice of Window Type in Ghana | | Completed |
| 47 | 2017 | Efua Tetteh Eyidey | Evidence of Sustainability Awareness in Building Construction in Ghana | | Completed |
| 48 | 2017 | Joana Sarpong Appiah | Building Energy Efficiency Practices at the Design Stage: Challenges and opportunities | | Completed |
| 49 | 2017 | Paul Frederick Asante | Factors Influencing the Awareness and Attitudes of Clients about the Sustainability Concept in Residential Homes in Kumasi | | Completed |
| 50 | 2017 | Cyril Tettey Tetteh | Church Architecture in Ghana: The Case of the Church of Pentecost, Ejisu | | Completed |
| 51 | 2016 | Frank Gyimah Otuo | The effects of Different Thermal Mass Wall Configurations on Indoor Thermal Comfort in the Tropics | | Completed |
| 52 | 2016 | Aaron Ohemeng Manu | Sustainable Pedestrianization in Public Universities: An Adherence of Kwame Nkrumah University of Science and Technology (KNUST) to the Concept of Pedestrianization | | Completed |
| 53 | 2016 | Ekow Asomaning | Using Child Play Area to Enhance Child Development on University Campuses – The case of KNUST (Asuogya, Buroburo and Okodee Neighbourhoods) | | Completed |
| 54 | 2016 | Daniel Kodjo Noamesi | Towards a Robust Building Regulations Enforcement Regime in Ghana: A Business Case | | Completed |
| 55 | 2016 | Moses Afriyie Opoku | Variations and Variation management Practices at KNUST: Strategies for Designers to Reduce Impact and Cost | | Completed |
| 56 | 2016 | Kwabena Osei Opoku | Barrier Free Environment: A Case Study of Banks in Kumasi | | Completed |
| 57 | 2015 | Mawuko Abotsi | Enhancing Sustainable Architecture Through the Effective Use of Stabilsed Mud Brick for Residential Buildings in Kumasi, Ghana | | Completed |
| 58 | 2015 | Linda Opokua | Investigating Dampness in Buildings: The Case of Senior Staff Residences at KNUST | | Completed |
| 59 | 2015 | Allswell Safo-Asante | The Construction and the Materials Preferably Used in Providing Shelter in Warm-Humid, Coastal and Savannah Climates in Ghana | | Completed |
| 60 | 2015 | Isabel Amoabema Eduah | Security Versus Secured: Providing Safe Residential Homes in Ghana | | Completed |
| 61 | 2009 | Jeffrey Walter A. Dadzeasah | Adaptability of Students’ Housing to Time – A Study of SSNIT and Sun City Hostels at KNUST | | Completed |
| 62 | 2009 | Kwasi Agyemang | Bottlenecks in Public Building Projects in Ghana: A Comparative Study of the Construction of Hall Seven (KNUST) and Splendor Hostel in Ayeduase, Kumasi | | Completed |
| 63 | 2009 | Mohammed A. Bukari | Baba Yara Sports Stadium (Kumasi). Past, Present and Future | | Completed |
| 64 | 2009 | Nii Ayi Hammond | The Implications of Building Forms on Cost: A Case Study of the Pyramid House (Zenith Bank), Accra | | Completed |
| 65 | 2009 | Frances-Norma Hansen- Thompson | The Cost Effectiveness of Contemporary Real Estate Development in Ghana: Falcon Crest and Regimanuel, Accra | | Completed |
| 66 | 2009 | Edward Offei-Gyenti | Using Shipping Containers for Affordable Housing in Ghana: A Model proposal | | Completed |
| 67 | 2008 | Kanyinsade Adenuson | Architecture and Its Influence on Tourism in Ghana | | Completed |
| 68 | 2008 | Alfred Boadi Asante | Maintenance of Estate Housing. Case Study: Patasi Estate | | Completed |
| 69 | 2008 | Gloria S. Kwaa | Character of Recent Buildings on KNUST Campus. Case Study: New Lecture Hall (Behind CCB), Engineering Guest House, and New KNUST Museum | | Completed |
| 70 | 2008 | Richard Kyei Baffour | The Gradual Changes in the Traditional Architecture of the Rural Areas of Ashanti Region of Ghana. Case Study – Appiadu | | Completed |
| 71 | 2008 | Winston K. A. Larbi | KNUST as a Testament to Architecture | | Completed |
| 72 | 2008 | Atuahene B. Owusu | Aesthetics Vis-à-vis Service Ducts (Plumbing and Electrical Services) on facades of Buildings. Case Study of Ayeduase and Kotei Hostels | | Completed |
| 73 | 2008 | Joyce M. Sackey | Settlement Pattern Around Tourist Sites and their Impact on Tourism. A Study of cape Coast Castle | | Completed |

**J. Details of PhD Students Supervision (Ongoing)**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| S/N | | Year | | Student | | | Topic | Status | |
| 1 | | 2023 | | Emmanuel Keteku Atiemo | Learning Without Barriers: Investigating Building Material-Related Barriers and Accessibility Solutions for PWDs in Ghanian University Classrooms | | | Ongoing | |
| 2 | | 2022 | | Ivana Tracey Odamea Frimpong | | | Into One’s Mind: Interiority and Materiality as an Iterative Tool for Healthy Spatial Environments of Persons Living with Dementia | | | Ongoing |
| 3 | | 2022 | | Seth Kwabena Mensah | | | Tourism Without Barriers: Exploring Sustainable Strategies for Accessible Tourist Sites in Ghana | | | Ongoing |
| 4 | | 2022 | | Audrey Asante | | | Sustainable Retrofitting of Existing Buildings to Achieve Net Zero Energy Buildings (NZEB): A Case of KNUST | | | Ongoing |
| 5 | | 2021 | | Isaac Egyir Kwofie | | | Closing the Loop: A Circular Approach to Interior Design for Multifunctional Office Spaces | | | Ongoing |
| 6 | | 2021 | | Abraham Lukman Kura Safo | | | Framework for Acculturation in the Planning and Development of the Built Environment of Indigenous Communities in Ghana | | | Ongoing |
| 7 | | 2020 | | Bernard Affreh | | | A Meta-Synthesis Investigation of Artificial Intelligence (AI) Adoption Models in the Architecture, Engineering, and Construction (AEC) Industry: A Framework for Adoption in Ghana | | | Ongoing |
|  | | 2020 | | Cephas Papa Nii Tetteh Achamfuo-Yeboah | | | Design for Disassembly as a Strategy to Scale Up the Transition to Circular Economy in the Construction Industry in Ghana | | | Ongoing |
| 8 | | 2020 | | Ebenezer Twum-Baah | | | Career Pathway Development for the Architectural Industry in Ghana | | | Ongoing |
| 9 | | 2020 | | Akosua Sekyi-Cann | | | Exploring Design Thinking Strategies for adaptive Barrier Free Spaces for Early Literacy Learning in Ghana | | | Ongoing |
| 10 | | 2019 | | Rosemary Cobbinah | | | A Framework for the Uptake of Sustainable Hotel Building Practices in Ghana | | | Ongoing |
| 11 | | 2018 | | Christian Akuffo | | | Healthcare Without Barriers: Making Healthcare Accessible to All in Ghana | | | Ongoing |
| 12 | | 2018 | | Lawrence Tibiru | | | Encroachment on Military Lands in Ghana: Assessing the Physical Development Challenges of Past Encroachment on De-Militarized Lands and the Impact on the Viability of Military Installations | | | Ongoing |

**K. Details of M Arch Students Supervision (Ongoing)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| S/N | Year | Student | | Topic | Status |
| 1 | 2025 | Adoba Timon Obeng | Care for All Ages: Architectural Design Principles for Integrating Telehealth Care Services in Ghana’s Residential Geriatric Care (Telehealth Technology Geriatric Facility, Bantama) | | Ongoing |
| 2 | 2025 | Antonio Adjei | A Framework for the Design of Schools for Children with Autism Spectrum Disorder (School for Children with Autism Spectrum Disorder, Haatso) | | Ongoing |
| 3 | 2025 | Emmanuel Sansah | Architectural Strategies for Enhancing Dragon Fruit Production as a Cash Crop in Ghana (Dragon Fruit Production Factory, Loye) | | Ongoing |
| 4 | 2025 | Anita Ankrah | Healing Environment for Mental Health: A Design Framework for Psychiatric Hospitals in Ghana (Psychiatric Hospital, Ejisu - Onwe) | | Ongoing |
| 5 | 2025 | Jessica Ama Miller | A Framework to Promote Wellness and Social Interaction for the Design of Elderly Care Facilities (Residential Care Facility, Kotei-Deduako) | | Ongoing |

**L. Details of MSc Students Supervision (Ongoing)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| S/N | Year | Student | | Topic | Status |
| 1 | 2015 | Akua Pokua Boateng Ankrah | The Design and Financial Dynamics of Incremental Residential Self-Help Housing in Ghana | | Ongoing |

**M. Details of BSc Students Supervision (Ongoing)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| S/N | Year | Student | | Topic | Status |
| 1 | 2025 | Lois Qauinoo-Arthur | Beyond Walls and Seats: A Comparative Analysis of how Design Features in the Old and New Lecture Theatres at KNUST Impacts Student’s Productivity and Lecture Hall Capacity | | Ongoing |
| 2 | 2025 | Akosua Kumiwaa Antwi | Investigating the Effects of Daylight in the KNUST Auditoriums | | Ongoing |
| 3 | 2025 | Barbara Mantebea Addo | Examining Strategies for Conserving Cultural Buildings Sustainability: The Case of Kumasi | | Ongoing |
| 4 | 2025 | Gloria Adusei | Exploring the Efficacy of Biophilic Design: A Case Study in Kumasi | | Ongoing |
| 5 | 2025 | Kwadwo Owusu-Oppong | Designing Public Parks to Enhance Social Interaction and Community Wellbeing: The Case of Kumasi | | Ongoing |
| 6 |  | Tracy Akua Semuah Aidoo | Water Efficiency Strategies on Campuses: A Case of Independence Hall, KNUST | | Ongoing |

**RESEARCH PUBLICATIONS**

1. **PUBLICATION ARISING OUT OF THE RESEARCH**

|  |  |  |
| --- | --- | --- |
| 1. Refereed Journal Articles | | |
| S/N | | **Title of Article** |
|  | | Mosner-Ansong, K.F., **Duah, D.Y.A.,** Amos-Abanyie, S. *et al.* Force and motivation Nexus; a two-tier integrated framework for sustainable electric energy related behaviour change in Sub-Sahara African households. *Discov Energy* **5**, 14 (2025). https://doi.org/10.1007/s43937-025-00076-6 |
|  | | Hollmen, S.H., Marful, A.B., Niskanen, T., **Duah, D.Y.A.,** Manful, E., Pitkanen, M. (2025). Kumasi trees – Project of the Hearts. Decolonial Strategies for Advancing Urban Greenery in a Sub-Saharan City. *International Planning Studies, 1-16, 2025.* |
|  | | Danquah, J.A., **Duah, D.,** Marful, A.B., and Panta, M. (2024). Redefining Inclusion, Accessibility and Perception of Persons with Disability Through the Lens of Architectural Education. *Ghana Journal of Science, 65 (2), 100 – 121, 2024.* |
|  | | Danquah, J.A., **Duah, D.,** Marful, A.B., and Panta, M. (2024). Barrier-Free Education for All: Investigating Stakeholder Perceptions and Challenges in Ghanaian Universities. *Ghana Journal of Science, 65 (2), 122 – 138, 2024.* |
|  | | Anzagira, L.F., **Duah, D.Y.A.,** Badu, E., Simpeh, E.K., Marful, A. B., and Amos-Abanyie, S. (2024). Structural Equation Modelling of the Critical Barriers Influencing the Adoption of Green Building Concepts and Technologies in Ghana. *Journal of Responsible Consumption, 1(1), 229 – 259, 2024.* |
|  | | Safo, L.K.A., **Duah, D.Y.A.,** Liwur, S. B., and Marful, A. B. (2024). Civic Administrative Centers in the Northern and Southern Cities of Ghana: Assessing their State and Locational Distribution and the Implications for Urban Growth and Land Demand. *Land Use Policy, 143, 107 – 199, 2024.* |
|  | | Frimpong, I. T. A.O., **Duah, D.Y.A.,** Marful, A. B., Kwofie, T.E., & Offei-Nketia, J. K. (2024). Faded Memories: The Role of Design in Enhancing the Quality of Life of Persons Living with Dementia. *Cogent Gerontology, 3:1, 2308838*, DOI: 10.1080/28324897.2024.2308838 |
|  | | Safo, L. K. A., **Duah, D.Y.A.,** & Liwur, S. B. (2024). Sustainable Architectural Design and Land-use Application to Civic Centers in Ghana: The Case of Damongo. *Urban, Planning and Transport Research, 12:1, 2290055,* DOI: 10.1080/21650020.2023.2290055 |
|  | | Mosner-Ansong, K. F., **Duah, D.,** Amos-Abanyie, S., & Baffoe-Ashun, A.I. (2024). Energy Efficiency Awareness and Assertiveness in Sub-Saharan Africa Households: The Case of Ghana. *Energy for Sustainable Development, 79, 2024,* 101415, DOI: <https://doi.org/10.1016/j.esd.2024.101415>, Elsevier |
|  | | Kwofie, T. E., Addy, M.N., **Duah, D.Y.A.,** Aigbavboa, C.O., Owusu, E.B., & Olympio, G.F. (2024). Decision Support Factors Evaluative Model for Affordable PPP Public Housing Delivery in Ghana. *Journal of Engineering, Design and Technology.* DOI: 10.1108/JETD-05-2023-0198. Emerald Publishing Limited. |
|  | | Simpeh, E.K., Akoto, M., Mensah, H., Ahadzie, D.K., **Duah, D.Y.A.,** & Reney, N.A. (2024). Field Diagnosis of the Criteria for Selecting Affordable Housing in Less Developed Countries: Evidence from Homeowners and Renters in Ghana. *Urbanization, Sustainability and Society*, 1 (1), 18-36. Emerald Publishing Limited. |
|  | | Dadzoe, F., Addy, M., **Duah, D.Y.A.,** Adesi, M. (2024). Towards a Circular Economy: Knowledge-Attitude Gap Between Demand and Supply-Side Operators on Green Building Construction in Ghana. *Smart and Sustainable Built Environment,* 13 (4), 763-779, 2024. <https://doi.org/10.1108/SASBE-03-2022-0048> |
|  | | Ampadu-Asiamah, A.D., Amos-Abanyie, S., **Duah, D.Y.A.,** Botchway, E.A., & Gyimah, K.A. (2023). Assessment Framework for IEQ of Classrooms in Basic Schools in Ghana – Review of Data Collection Methods. *Journal of Science and Technology*, 41(3) (2023), 97-113. DOI: <https://dx.doi.org/10.4314/just.v41i3.8>. |
|  | | Kwofie, T. E., **Duah, D. Y. A.,** Addy, M. N., Amos-Abanyie, S., Afeke, S., Aigbavboa, C.O., and Afram, S. O. (2023). Sustainability Literacy Level Among Real Estate Developers Towards Sustain Ability Performance Optimization in Housing Delivery in Ghana. *Environment, Development and Sustainability, Manuscript Number ENVI-D-22-04496R3,* Springer Nature |
|  | | Dok-Yen, D.M., **Duah, D.Y.A.,** and Addy, M.N. (2023). Frugal Innovation a Game Changer to Sustainable Affordable Housing: A Bibliometrics and Systematic Review. *International review for Spatial Planning and Sustainable Development, C: Planning and Design Implementation*, 11(2) (2023), pp. 199-221 |
|  | | Marful, A. B., Kornyo, O., Asante, M., Opoku, R., **Duah, D.Y.A.,** Tei-Partey, B. (2023). Integration of Advanced Metering Infrastructure for Mini-Grid Solar PV Systems in Off-Grid Rural Communities (SoAMIRural). *Sustainability* 2023, 15, 7526. https;//doi.org/10.3390/su15097526 |
|  | | Marful, A.B., Adzah, E., Nunoo, F.K.N., **Duah, D.Y.A.,** and Anane-Antwi, E. (2023). Exploring Street Graphics: Strategies and Challenges for City Branding in Kumasi, Ghana. *Cogent Arts & Humanities*, 10:1, 2206235, DOI: 10.1080/23311983.2023.2206235. |
|  | | Kissi, E., Babon-Ayeng, P., Aigbavboa, C., **Duah, D.,** Danquah-Smith, E., and Tannor, R. A. (2023). Examining Green Road Construction Components: The Case of Ghana. *Built Environment Project and Asset Management*, Vol. ahead-of-print No. ahead-of-print. <https://doi.org/10.1108/BEPAM-08-2022-0120> |
|  | | Anzagira, L. F., **Duah, D.,** Badu, E., Simpeh, E.K., Amos-Abanyie, S., and Marful, A. (2022). Application of Green Building Concepts and Technologies for Sustainable Building Development in Sub-Saharan Africa: The Case of Ghana. *Open House International*, *47 (3),* *pp. 408-427.* Emerald Publishing House. DOI: 10.1108/OHI-02-2022-0054 |
|  | | Anzagira, L.F., **Duah, D.,** Badu, E., Simpeh, E.K., Marful, A.B. (2022). Stimulation Strategies to Promote Green Building Uptake in Developing Countries: The Case of Ghana. *Journal of Engineering, Design, and Technology.,* DOI: 10.1108?JEDT-12-2021-0719. |
|  | | Marful, A. B., Danquah, J. A., Ansah, M., Ben-Smith, P., and **Duah, D.** (2022). Design Thinking as an Effective Tool for Architectural Pedagogy: Challenges and Benefits for Ghanaian Schools. *Cogent Arts & Humanities*, 9:1, 2051828, DOI: 10.1080/23311983.2022.2051828 |
|  | | **Duah, D.Y.A.,** Plummer, A., Danquah, J.A., and Marful, A. B. (2022). Teaching and Learning in Inclusive Environments – The Case of Technical and Vocational Education and Training in Ghana. *Disability and International Development,* (Themes: Inclusive Work) 33. Jahrgang/Ausgabe 1/2022/33nd Year/Issue 1/2022 |
|  | | Anzagira, L. F., **Duah, D. Y.,** Badu, E. (2021). Awareness and Application of Green Building Concepts by Construction Industry Stakeholders of Sub-Saharan African Countries. *Journal of Sustainable Development Studies*, 14(2021) (2) |
|  | | Ampratwum, G., Agyekum, K., Adinyira, E., & **Duah, D.** (2021). A Framework for the Implementation of Green Certification of Buildings in Ghana. *International Journal of Construction Management,* 21:12, 1263-1277, DOI: [10.1080/15623599.2019.1613207](https://doi.org/10.1080/15623599.2019.1613207) |
|  | | Anzagira, L. F., Badu, E., & **Duah, D.** (2019). Towards an Uptake Framework for the Green Building Concept in Ghana: A Theoretical Review. *International Journal on Proceedings of Science and Technology, 57–76.* |
|  | | Anzagira, L. F., Badu, E., & **Duah, D.** (2019). A Conceptual Framework for the Uptake of the Green Building Concept in Ghana. *Scientific African, Vol. 6, November 2019,* https://doi.org/10.1016/j.sciaf.2019.e00191, 1-11. |
|  | | Agyekum, K., Adinyira, E., Baiden, B., Ampratwum, G., & **Duah, D.** (2019). Barriers to the Adoption of Green Certification of Buildings: A Thematic Analysis of Verbatim Comments from Built Environment Professionals. *Journal of Engineering, Design and Technology, Vol. 17 No 5, 1035-1055*. Emerald Publishing Limited. |
|  | | Marful, A. B., Danquah, J.A., **Duah, D.** & Oppong, R. A. (2019). Towards a Smart-Cultural Peri-Urban Community: The Case of Kyebi, Ghana. Published in *ISOCARP REVIEW 15* entitled: Planning for a Metropolitan Area. Copyright 2019 – International Society of City and Regional Planners; ISBN: 978-90-75524-628. ([www.isocarp.org](http://www.isocarp.org)). |
|  | | Mosner-Ansong, K.F. & **Duah, D.** (2018). The Seasonal Effects of Weather on Residential Electric Energy Usage. *Journal of Energy and Resource Management (JENRM)*, 2018 – Sept 27. |
|  | | Mosner-Ansong, K. F., & **Duah, D.** (2018). Occupants’ Perceptions on Indoor Comfort as a Key Factor in Residential Energy Use. *Journal of Energy and Natural Resource Management (JENRM), 1(2).* https://doi.org/10.26796/jenrm.v1i2.136. |
|  | | Mosner-Ansong, K. F., and **Duah, D.** (2018). The Building Occupants’ Factor in Reducing Electric Energy Wastage in Ghanaian Residential Homes- A Critical Review. *International Journal of Technology and Entrepreneurship Vol. 1, Issue 1, June 2018, pp. 138-152.* |
|  | | **Duah, D.,** & Syal, M. G. M. (2017). *Practice Periodical on Structural Design and Construction, 22(4),* [4017025]. DOI: 10.1061/(ASCE)SC.1943-5576.0000342. |
|  | | Danquah, J. A., **Duah, D.,** and Marful, A. B. (2017). Sustainable Practices in Real Estate Housing in Ghana: Perception of Occupants. RISUS - *Journal on Innovation and Sustainability, 8(4)* - 2017 ISSN: 2179-3565. http://dx.doi.org/10.24212/2179-3565.2017v8i4p98-113. |
|  | | **Duah, D.** and Syal, M. (2016). Intelligent Decision Support System for Home Energy Retrofit Adoption. *International Journal of Sustainable Built Environment. Vol. 5(2), 620-634*. https://doi.org/10.1016/j.ijsbe.2016.05.003 |
|  | | **Duah, D.,** Ford, K., Syal, M. G. M. (2016). Role of Expert Knowledge in Home Energy Retrofits. *International Journal of Architecture, Engineering, and Construction, 5(2), March 2016, 185-195.* |
|  | | Syal, S., **Duah**, **D.,** Samuel, S., Mazor, M., Mo, Y. and Cyr, T. (2014). Information Framework for An Intelligent DSS For Home Energy Retrofits. *Journal of Construction Engineering and Management, 140 (1).* |
|  | | **Duah, D. Y. A.,** Ford, K., Syal, M. (2014). Expert Knowledge Elicitation for Decision-Making in Home Energy Retrofits. Structural Survey*, Journal of Building Pathology and Refurbishment, 32(5), pp. 377–395*. Emerald Group Publishing Limited. |
|  | | **Duah, D.Y.A. (2013)**. Key Factors in Constructability Success: Perception of Construction Professionals in Developing Countries. *The Professional Constructor. The American Institute of Constructors, 37(02).* |
|  | | Samuel Amos-Abanyie, Michael Poku-Boansi & **Daniel Yaw Addai Duah** (2012). Improving Ramp Design as a Barrier-Free Access in Public Buildings in the Kumasi Metropolitan Area, Ghana. *Journal of Sustainable Development in Africa. Vol. 14 No. 1. pp 170 – 184.* |
|  | | Pillai, G., Syal, M., Hastak, Ofei-Amoh, K. R., and **Duah, D.** (2012). Health Performance Criteria Framework for Homes. *American Institute of Constructors, Journal of the American Institute of Professional Constructors.* April 2012, Volume 36, No. 1. |
|  | | Amos-Abanyie, S., Poku-Boansi, M., and **Duah, D.** (2012). Improving Ramp Design as a Barrier-Free Access in Public Buildings in the Kumasi Metropolitan Area, Ghana. *Journal of Sustainable Development in* *Africa*. Volume 14, No.1, 2012. ISSN: 1520-5509, Clarion University of Pennsylvania, Clarion, Pennsylvania. |
|  | | **Duah, D. Y. A.,** Amos-Abanyie, S., and Poku-Boansi, M. (2011). [The Urban Poor and the Excesses of Rents: Evidence from Kumasi, Ghana](http://www.jsetjournals.org.ng/?p=604). *Journal of Science Engineering and Technology*.[www.jsetjournals.org.ng/?p=604I] |
| Books | | |
| S/N | **Title of Book** | |
|  | **Daniel Y. A. Duah,** Maria Panta, Titus Ebenezer Kwofie, Nana Agyemang Cobbinah, Dennis Bandoh, & Alexander Boakye Marful (2025).Reimagining the Future of our Rural Communities: Circularity, Entrepreneurship, Resilience, Partnership. The Case of Takyikrom and its Neighbouring Communities. Kwame Nkrumah University of Science and Technology, Kumasi – Ghana, College of Art and Built Environment, Department of Architecture. | |
|  | Kwofie, T.E., **Duah, D.Y.A.,** Addy, M.N., Aigbavboa, C., and Amos-Abanyie, S. (2023). Collaborative Flow of Work in the Construction Industry in Emerging Debates in the Construction Industry, Routledge. | |
|  | Oppong, R.A., Plummer, A., Marful, A. B., **Duah, D.Y.A.,** Danquah, J. (Eds) (2022). Guideline: Inclusive Architectural Design Concepts and Strategies for Technical Vocational Education Training. University Printing Press, UPK, KNUST. | |

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| Book Chapters and Technical Reports | |
| S/N | **Book/Report Title** |
|  | Panta, M., Agyei Danquah, J., **Duah, D.,** & Marful, A. (2023). Rethinking the Curriculum in Architectural Education in a Global Habitat: The Case of the Trans-African Dialogues Series. World Congress of Architects, 769-781, Springer International Publishing |
|  | **Duah, D. Y. A.,** Marful, A.B., Danquah, J.A., Amoah, M., Baffoe-Ashun, I., Bekoe, I., and Akuffo, C. (2022). *Background, pp 12-17.* In Oppong, R.A., Plummer, A., Marful, A. B., Duah, D.Y.A., Danquah, J. (2022). Guideline: Inclusive Architectural Design Concepts and Strategies for Technical Vocational Education Training. University Printing Press, UPK, KNUST. |
|  | Plummer, A., **Duah, D. Y. A.,** Danquah, J.A., Akuffo, C., and Adu-Gyamfi, A. (2022). *Variety of User Groups and TVET, pp 26-31.* In Oppong, R.A., Plummer, A., Marful, A. B., Duah, D.Y.A., Danquah, J. (2022). Guideline: Inclusive Architectural Design Concepts and Strategies for Technical Vocational Education Training. University Printing Press, UPK, KNUST. |
|  | Plummer, A., **Duah, D. Y. A.,** Danquah, J.A., Baffoe-Ashun, I., Amoah, M., and Akuffo, C. (2022). *Inclusive Architectural Design – Concepts and Strategies, pp 44-55.* In Oppong, R.A., Plummer, A., Marful, A. B., Duah, D.Y.A., Danquah, J. (2022). Guideline: Inclusive Architectural Design Concepts and Strategies for Technical Vocational Education Training. University Printing Press, UPK, KNUST. |
|  | Plummer, A., **Duah, D. Y. A.,** Danquah, J.A., Baffoe-Ashun, I., and Akuffo, C. (2022). *Accessible TVETS, pp 56-67.* In Oppong, R.A., Plummer, A., Marful, A. B., Duah, D.Y.A., Danquah, J. (2022). Guideline: Inclusive Architectural Design Concepts and Strategies for Technical Vocational Education Training. University Printing Press, UPK, KNUST. |
|  | Plummer, A., **Duah, D. Y. A.,** Bekoe, I., Baffoe-Ashun, I., Amoah, M., and Akuffo, C. (2022). *Special Facilities and Functional Areas, pp 68-89.* In Oppong, R.A., Plummer, A., Marful, A. B., Duah, D.Y.A., Danquah, J. (2022). Guideline: Inclusive Architectural Design Concepts and Strategies for Technical Vocational Education Training. University Printing Press, UPK, KNUST. |
|  | Marful, A. B.., **Duah, D. Y. A.,** Plummer, A., and Danquah, J.A. (2022). *Checklist – Rating System, pp 90-101.* In Oppong, R.A., Plummer, A., Marful, A. B., Duah, D.Y.A., Danquah, J. (2022). Guideline: Inclusive Architectural Design Concepts and Strategies for Technical Vocational Education Training. University Printing Press, UPK, KNUST. |
|  | **Duah, D. Y. A.,** Marful, A. B., and Plummer, A. (2022). *The Way Forward, pp 102-109.* In Oppong, R.A., Plummer, A., Marful, A. B., Duah, D.Y.A., Danquah, J. (2022). Guideline: Inclusive Architectural Design Concepts and Strategies for Technical Vocational Education Training. University Printing Press, UPK, KNUST. |
|  | Marful, A. B., Danquah, J.A., **Duah, D.** & Oppong, R. A. (2019). *Towards a Smart-Cultural Peri-Urban Community: The Case of Kyebi, Ghana*. Published in ISOCARP REVIEW 15 entitled: Planning for a Metropolitan Area. Copyright 2019 – International Society of City and Regional Planners; ISBN: 978-90-75524-628. ([www.isocarp.org](http://www.isocarp.org)). |
|  | Syal, M., Diffendal, J., **Duah, D.** (2014). Change Order Guidelines for Electrical and Low Voltage Contractors. *National Electrical Contractors Association (NECA).* ELECTRI International – The Foundation for Electrical Construction, Inc. Available at: <http://www.electri.org/research/change-order-guidelines-electrical-and-low-voltage-contractors> |
|  | Syal, M., Ofei-Amoh, R. K., **Duah, D.,** Cyr, T., and Korkmaz, S. (2012). Smart Grid: Installation and Construction Management Aspects for Electrical Contractors. *National Electrical Contractors Association (NECA).* ELECTRI International – The Foundation for Electrical Construction, Inc. Available at: <http://www.electri.org/research/smart-grid-installation-and-construction-management-aspects-electrical-contractors> |
|  | Syal, M.G. & **Duah, D.Y.A.** (2012). Construction Project Management, in Civil Engineering, [Eds. Kiyoshi Horikawa, Qizhong Guo], in *Encyclopedia of Life Support Systems (EOLSS)*, Developed under the Auspices of the UNESCO, EOLSS Publishers, Oxford, UK, <http://www.eolss.net> |

**CONFERENCES/WORKSHOPS ATTENDED AND PAPERS PRESENTED**

In order share research findings, gain networking opportunities, receive feedback on research findings, stay professionally updated and developed, promote teaching and research, I regularly participate in various national and international conferences, meetings, workshops and seminars. A selection of papers presented are indicated below.

|  |  |
| --- | --- |
| S/N | Title of Paper |
|  | **Duah, D.Y.A.** (2025). Best practices in managing partnerships in higher education institutions using the KNUST example. EuroTech Partner Days at the Technical University of Munich, Garching Campus, Germany. May 21, 2025. |
|  | **D.Y.A. Duah,** and A. Plümmer (2025). Guideline on Inclusive Architectural Design Concepts and Strategies for TEVT. ATUPA Annual International Conference, Berlin, Germany. |
|  | Agyapong, A., **Duah, D.Y.A.**, Antwi-Agyei, P., Honyenuga, B.Q. **(2025).** Universities as a Catalyst for Sustainability: Education, Innovation, and Community Impact**.** Panel session at third biennial Ann and Jack Graves Foundation International Conference on Sustainability at the KNUST Business School on January 15, 2025. |
|  | **Duah, D.Y.A.** (2024). How can Universities Embed Global Mindsets in their Comprehensive Development: KNUST Case. *Panelist at 1st International Partnership Conference at the University of Leeds*, UK on Thursday December 5, 2024. |
|  | **Duah, D.Y.A.** (2024). Challenges of the Educational System of African Universities and Future Perspectives. 8th Congress of University Coordination for Development Cooperation (CUCS). Main Theme: University Cooperation – Contemporary Challenges. Session Theme: Empowering Transnational Higher Education Between Italy and African Countries, University of Florence, Italy, September 14, 2024. |
|  | Kwofie, T.E., Amos-Abanyie, S., Ellis, F.Y.A., **Duah, D.,** and Aigbavboa, C.O. (2023). An Analysis of Influence of Information-Sharing Behavioural Factors on Information Asymmetry in PPP Projects. *International Conference on Infrastructure Development in Africa, 771*-791, 2023. |
|  | Mosner-Ansong, K. F., **Duah, D.Y.A.,** Amos-Abanyie, S., and Baffoe-Ashun, I.A. (2023). Climate Change Threats and Public Perceptions Towards Energy Security in Sub-Saharan Africa: The Narrative from Ghana. *International Conference on Infrastructure Development in Africa,* 93-113, 2023. |
|  | Mosner-Ansong, K. F., **Duah, D.Y.A.,** Amos-Abanyie, S., and Baffoe-Ashun, I.A. (2023). Towards Reducing Residential Electric Energy End-Use Wastage in Developing Countries: The Case of Ghana. *International Conference on Infrastructure Development in Africa, 1 – 21*, 2023. |
|  | **Duah, D.Y.A.,** and Plummer, A. (2022). Guideline for Inclusive Architectural Concepts and Strategies for Technical Vocational Training in Ghana (Work in Process. First joint Guideline for IAD (Inclusive Architectural Design). *2022 Association of Technical Universities and Polytechnics in Africa Annual International Conference, Victoria Falls, Zimbabwe*. September 2, 2022. |
|  | Ampadu-Asiamah, A.D., Amos-Abanyie, S., Gyimah, K.A., Botchway, E.A., and **Duah, D.Y.A**. (2022). Application of Situation Awareness Theory to the Development of An Assessment Framework for Indoor Environmental Quality in Classroom. J.J. Mojekwu et al (Eds.): *Sustainable Education and Development-Making Cities and Human Settlements Inclusive, Safe, Resilient, and Sustainable: Proceedings of the Applied Research Conference in Africa (ARCA)*, pp 28-39. Springer International Publishing |
|  | Ampadu-Asiamah, A.D., Amos-Abanyie, S., Gyimah, Botchway, E.A., **Duah, D.Y.A.** & Gyimah, K.B. (2022). Adoption of Indoor Environmental Quality Assessment Framework for Naturally Ventilated Classrooms in Basic Schools in Ghana. J.J. Mojekwu et al (Eds.): *Sustainable Education and Development-Making Cities and Human Settlements Inclusive, Safe, Resilient, and Sustainable: Proceedings of the Applied Research Conference in Africa (ARCA)*, pp 109-123. Springer International Publishing |
|  | Dok-Yen, D.M., **Duah, D.Y.A.,** Addy, M.N. (2022). Assessing the Level of Sustainable Affordable Housing Consciousness Using Frugal Innovation. J.J. Mojekwu et al (Eds.): *Sustainable Education and Development-Making Cities and Human Settlements Inclusive, Safe, Resilient, and Sustainable: Proceedings of the Applied Research Conference in Africa (ARCA)*, pp. 124-139, 2022. <https://doi.org/10.1007/978-030-90973-4_11> |
|  | **Duah, D. Y. A.** (2020). National Participant, Designing for Greater Efficiency Certificate – Excellence in Design for Greater Efficiencies (Edge) organized by the *International Finance Corporation of the World bank Group, USA* from 29th June – 3rd July 2020. |
|  | **Duah, D. Y. A.** (2020). National Participant, *Stakeholder Consultation on Development of a National Cooling Plan for Ghana.* Organized by the UNDP and held at Aruba Hotel, Aburi from February 4-6, 2020. |
|  | Dok-Yen, D. M., **Duah, D.Y.A.,** and Addy, M. (2021). Challenges to Sustainable Affordable Housing Using Frugal Innovation. *West Africa Built Environment Research (WABER) Conference.* |
|  | Offei-Nketiah, J.K., Kwofie, T.E., & **Duah, D.** (2019). Development Control Strategies for Sustainable and Resilient Urban Development in Sub-Saharan Africa: In: Laryea, S. and Essah, E. (Eds.). *Proc. of West Africa Built Environment Research (WABER) Conference, 10th Anniversary Conference, 5-7 August 2019, Accra, Ghana (pp. 403-422).* |
|  | Offei-Nketiah, J.K., Kwofie, T.E., & **Duah, D.** (2019). Regulatory Distress: Architects’ Perspective on Enforcement of Building Regulations in Ghana. In: The Construction Industry in the Fourth Industrial Revolution. *Proceedings of 11th Construction Industry Development Board (CIDB) Postgraduate Research Conference.* <https://doi.org/10.1007/978-3-030-26528-1>. Copyright Year: 2020. |
|  | Danquah, J.A., Marful, A.B., & **Duah, D.** (2019). Exploring Barrier-Free as a catalyst to Smart Cities Initiatives in Sub Saharan Africa. In Real Corp 2019 – Is This the Real World? Perfect Smart Cities vs. Real Emotional Cities. *Proceedings of the 24th International Conference on Urban Planning, Regional Development and Information Society (pp. 339-351).* CORP-Competence Centre of Urban and Regional Planning. |
|  | Doamekpor, N.A.A. & **Duah, D.** (2019). Conceptions of Sustainability Amongst Postgraduate (MSc) Construction Management Students. In: Laryea, S. and Essah, E. (Eds.). *Proc. of West Africa Built Environment Research (WABER) Conference, 10th Anniversary Conference, 5-7 August 2019, Accra, Ghana (pp. 305-318).* |
|  | **Duah, D.** (2019). Climate Adapted Architecture for the Tropics; *Presented in Barrier-Free System Course Erasmus+ Staff Mobility for Teaching (STA) at Frankfurt University of Applied Sciences, Germany.* |
|  | **Duah, D.** (2019). Sustainable Architecture for the Tropics – Role of Architects; *Presented in Barrier-Free System Course Erasmus+ Staff Mobility for Teaching (STA) at Frankfurt University of Applied Sciences, Germany.* |
|  | Marful, A. B., **Duah, D.,** & Danquah, J.A. (2018). Smarting the Cities: A Catalyst for Acculturation in Ghana. *Proceedings of the 54th ISOCARP Conference: Changing Climate and Our Urban Future, held in Norway from 1-5 October 2018 (pp. 1154-1173).* |
|  | **Duah, D.** (2018). Sustainable Buildings for the Tropics; *Presented in Barrier-Free System Course Erasmus+ Staff Mobility for Teaching (STA) at Frankfurt University of Applied Sciences, Germany.* 18th June - 22nd June 2018 |
|  | Osei-Tutu, P., Oppong, R.A., & **Duah, D.** (2017). Exploring the Possibility of Flood-resistant Buildings in Accra, Ghana. *Proceedings of the 6th International Conference on Infrastructure Development in Africa (ICIDA) 2017*, pp. 477-458, College of Art and Built Environment, KNUST – Kumasi, held at IDL Conference Centre, KNUST, April 14 – 17, 2017. |
|  | Mosner-Ansong, K.F. & **Duah, D.** (2017). Theoretical Inquiry into Developing a Framework for Assessing Electric Energy Wastage in Residential Homes in Ghana. *Proceedings of the 6th International Conference on Infrastructure Development in Africa (ICIDA) 2017*, pp. 311-324, College of Art and Built Environment, KNUST – Kumasi, held at IDL Conference Centre, KNUST, April 14 – 17, 2017. |
|  | Mosner-Ansong, K.F. & **Duah, D.** (2017). Evaluating the Building Occupants’ Factor in Electric Energy Wastage Reduction for Residential Homes in Ghana. A Critical Review. *International Conference on Education, Technology and Entrepreneurship (ICETE) 2017*, Ghana Technology University College, Ghana in collaboration with Coventry University, UK, held Ghana Technology University Campus, Tesano-Accra, June 12 – 14, 2017. |
|  | Mosner-Ansong, K.F. & **Duah, D.** (2017). Ontology into Building Occupants’ Perceptions on Energy Efficiency in Ghanaian Residential Homes Designs. *1st International Conference on Climate Change and Sustainable Development (ICCCSDA 2017)*, University of Energy and Natural Resources (UENR), Sunyani, July 25 – 28, 2017. |
|  | Mosner-Ansong, K.F. & **Duah, D.** (2017). Correlation between Weather and Electric Energy Consumption in Ghanaian Residential Homes. *2nd International Conference on Engineering, Science, Technology, and Entrepreneurship*, College of Engineering, KNUST held at the IDL Conference Centre, KNUST – Kumasi, August 16 – 18, 2017. |
|  | Mosner-Ansong, K.F. & **Duah, D.** (2017). A Bottom-up Approach in Identifying the Critical Energy Use Drivers for Residential Homes in Ghana: Towards Energy Wastage Reductions. *2nd International Conference on Engineering, Science, Technology, and Entrepreneurship*, College of Engineering, KNUST held at the IDL Conference Centre, KNUST – Kumasi, August 16 – 18, 2017. |
|  | Farhat, F., Opoku, D., & **Duah, D.** (2017). Determining the Influence of Indoor Environmental Quality on the Choice of Window Types among Stakeholders in Ghana. *4th International Design Conference, Kumasi (NAD-KiDEC 2017)*, Faculty of Art, College of Art and Built Environment, KNUST - Kumasi, held at the IDL Conference Centre, KNUST, October 4 – 6, 2017. |
|  | Mosner-Ansong, K.F. & **Duah, D.** (2017). Potentials of an Obligatory Energy Audit of Households: Towards an Energy Resilient Ghanaian Residential Sector. *4th International Conference on Applied Sciences and Technology (ICAST 2017)*, Kumasi Technical University (KsTU), held at the Conference Centre, KsTU, September 11 – 13, 2017. |
|  | **Duah, D. Y. A.** (2017). Participant and Co-Presenter on the Topic: Smarting the Cities: A Catalyst for Acculturation? *Smart and Inclusive Sustainable Cities International Workshop*. Organized Jointly by the Department of Planning, College of Art and Built Environment, KNUST – Kumasi and University of Bradford, UK. Held at Noda Hotel, Kumasi on July 6, 2017. |
|  | **Duah, D. Y. A.** (2017). Co-Presenter on the Topic: Awareness of Energy Efficiency Standards for Household Appliances by Residential Users and Its Influence on Their Purchasing Decisions. *College Colloquium.* Organized Jointly by College Research Office (OGR), Centre for Settlement Studies and Centre for Excellence for Housing Studies (KNUST), CABE Conference Room, KNUST on October 19, 2017. |
|  | **Duah, D. Y. A.** (2016). Participant and Co-Presenter on the Topic: Results of Parliament without Barriers Workshop. *World Architecture Day – Ghana 2016: Universal Designs/Barrier Free Concepts in Ghana.* Jointly Organized by the Architects Registration Council of Ghana, Ghana Institute of Architects and CLEAN Africa at GS Plaza, Accra. October 3, 2016. |
|  | **Duah, D. Y. A.** (2016). Participant and Presenter on the Topic: Social Aspects of Barrier-free Building Environment – Benefits and Limitations. International Workshop: *“Parliament without Barriers: Kick-off for Barrier-free Concepts in Ghana (PAMBA GHANA)”*. Organized by KNUST and CLEAN-Africa in collaboration with University of Applied Sciences, Frankfurt (FRA-UAS), Germany and Africa Good Governance Network (AGGN) at Travelers Paradise Hotel, Accra. August 2 – 11, 2016. |
|  | **Duah, D.Y.A.,** Olympio, G.F.A., Amos-Abanyie, S. (2015). Delivering Sustainability in Ghana Using Building Adaptation. *Paper presented at the 1st International Conference on Engineering, Science, Technology, and Entrepreneurship*, College of Engineering, KNUST, Ghana, 6-7 August 2015. |
|  | Amos-Abanyie, S., **Duah, D.Y.A.,** Koranteng, C., (2015). Sustainable Mid-rise Office Buildings in Ghana – Evaluation of Selected Buildings. *Paper presented at the 1st International Conference on Engineering, Science, Technology, and Entrepreneurship*, College of Engineering, KNUST, Ghana, 6-7 August 2015. |
|  | **Duah, D.** and Syal, M. (2013). Developing Standard Criteria for Determining a Home Energy Retrofit Expert: Research in Progress. *Michigan State University Graduate Academic Conference* at the Kellogg Hotel and Conference Centre on February 15, 2013. |
|  | **Duah, D.** and Syal, M. (2013). Information Barriers in Home Energy Retrofit Adoption: Research in Progress. *1st Residential Building Design and Construction Conference.* The Pennsylvania Housing Research Centre, Pennsylvania State University, Pennsylvania from February 20 – 21, 2013. |
|  | **Duah, D.,** Syal, M. and Samuel, S. (2012). Developing a Decision Support System for Cost Effective Energy Retrofits in Homes. *International Conference on Infrastructure Development in Africa.* Kwame Nkrumah University of Science and Technology, Kumasi, Ghana. |
|  | Syal, M., Ofei-Amoh, R. K., **Duah, D.,** Cyr, T., and Korkmaz, S. (2012). Smart Grid: Installation and Construction Management Aspects for Electrical Contractors. *National Electrical Contractors Association (NECA).* ELECTRI International – The Foundation for Electrical Construction, Inc. |
|  | **Duah, D.Y.A.** (2020). National Participant, *Stakeholder Consultation on Development of a National Cooling Plan for Ghana.* Organized by the UNDP and held at Aruba Hotel, Aburi from February 4-6, 2020. |
|  | **Duah, D.Y.A.** (2017). Participant and Co-Presenter on the Topic: Smarting the Cities: A Catalyst for Acculturation? *Smart and Inclusive Sustainable Cities International Workshop*. Organized Jointly by the Department of Planning, College of Art and Built Environment, KNUST – Kumasi and University of Bradford, UK. Held at Noda Hotel, Kumasi on July 6, 2017. |
|  | **Duah, D.Y.A.** (2017). Co-Presenter on the Topic: Awareness of Energy Efficiency Standards for Household Appliances by Residential Users and Its Influence on Their Purchasing Decisions. *College Colloquium.* Organized Jointly by College Research Office (OGR), Centre for Settlement Studies and Centre for Excellence for Housing Studies (KNUST), CABE Conference Room, KNUST on October 19, 2017. |
|  | **Duah, D.Y.A.** and Marful, A.B. (2020). Participant and Co-Presenter on the Topic: Results of Parliament without Barriers Workshop. *World Architecture Day – Ghana 2016: Universal Designs/Barrier Free Concepts in Ghana.* Jointly Organized by the Architects Registration Council of Ghana, Ghana Institute of Architects and CLEAN Africa at GS Plaza, Accra. October 3, 2016. |
|  | **Duah, D.Y.A.** (2016). Participant and Presenter on the Topic: Social Aspects of Barrier-free Building Environment – Benefits and Limitations. International Workshop: *“Parliament without Barriers: Kick-off for Barrier-free Concepts in Ghana (PAMBA GHANA)”*. Organized by KNUST and CLEAN-Africa in collaboration with University of Applied Sciences, Frankfurt (FRA-UAS), Germany and Africa Good Governance Network (AGGN) at Travelers Paradise Hotel, Accra. August 2 – 11, 2016. |

**ACADEMIC METRICS AS OF JUNE 2025**

* Google Scholar H-Index = 12, i10-Index = 14, 501 citations, 49 co-authors available at: <https://scholar.google.com/citations?hl=en&user=cqlee9EAAAAJ&view_op=list_works&sortby=pubdate>.
* Scopus H-Index of 8 with 234 citations by 202 documents available at: <https://www.scopus.com/authid/detail.uri?authorId=55979921800>.
* ResearchGate: 17 publications, 1,482 reads and 23 citations available at: <https://www.researchgate.net/profile/Daniel-Duah-7>.
* ORCID details available at: <https://orcid.org/0000-0002-6526-9137>.

**SERVICE TO COMMUNITY**

**a. Service to the University Community – Administrative and Governance**

|  |  |  |
| --- | --- | --- |
| S/N | Date/Period | Position/Role |
| 1. | 2023 – Date | Ghanaian Director, Confucius Institute, KNUST |
| 2. | 2022 – Date | Dean, International Programmes Office |
| 3. | 2024 – Date | Coordinator, Graduate Programmes, Department of Architecture |
| 4. | 2022 – Date | Member, Academic Board |
| 5. | 2022 – Date | Member, Executive Committee |
| 6. | 2022 – Date | Member, Planning and Resources Committee |
| 7. | 2017 – 2021 | Coordinator, Undergraduate Programmes, Department of Architecture |

**b. Quality Assurance Leadership/Membership – University Community**

|  |  |  |
| --- | --- | --- |
| **No.** | **Date/Period** | **Position/Role** |
|  | 2024 – Date | **Chairman,** Graduate Programmes Committee, Department of Architecture |
|  | 2023 | **Letter of Recognition** from Vice Chancellor for SDG Champions’ Outstanding Contribution, KNUST – Kumasi (SDG (17), Partnership for Goals Committee Chairman |
| 1. | 2019 – 2021 | **Examinations Officer,** College of Art and Built Environment |
| 2. | 2018 – 2019 | **Assistant Examinations Officer,** College of Art and Built Environment |
| 3. | 2016 – 2018 | **Assistant Examinations Officer,** Faculty of Built Environment |
| 4. | 2015 – 2016 | **Examinations Officer,** Department of Architecture |
| 5. | 2008 – 2010 | **Examinations Officer,** Department of Architecture |
| 6. | 2007 – 2008 | **Assistant Examinations Officer,** Department of Architecture |
| 7. | 2016 - 2019 | **Chairman –** Quality Assurance Committee,College of Art and Built Environment |
| 8. | 2021 – 2022 | **Chairman,** Course Development Committee, Faculty of Built Environment |
| 9. | 2021 – 2022 | **Member,** Departmental Accreditation Committee, Department of Architecture |
| 10. | 2021 | **Member,** Faculty Accreditation Committee, Faculty of Built Environment |
| 11. | 2019 – 2021 | **Member,** StandingCommittee on Examination Malpractices, College of Art and Built Environment, KNUST |
| 12. | 2019 – 2021 | **Member,** Ad hoc Committee to Review and Regulate Teaching and Examinations Time Tables and Use of Classrooms Across the University |
| 13. | 2017 | **Member** – Committee on Institutional Evaluation of KNUST for HAQAA Initiative African Quality Rating Mechanism (AQRM) |
| 14. | 2017 – 2018 | **Secretary** – Committee for the Development of Criteria for Excellence Awards, College of Art and Built Environment |
| 15. | 2017 – 2020 | **Member**, Curriculum Development and Local Accreditation Committee, College of Art and Built Environment |
| 16. | 2017 | **Member** – Committee to Self-Evaluate KNUST for Institutional Accreditation |

**c. Chairmanship of Boards/Committees/Guest Speaker/Resource Person – University Community**

|  |  |  |
| --- | --- | --- |
| **No.** | **Date/Period** | **Position/Role** |
| 1. | 2022 – Date | **Chairman,** Board of the International Programmes Office |
| 2. | 2023 – 2024 | **Chairman,** Visa Facilitation Committee, 2023 Christof Heyns African Human Rights Moot Court Competition |
| 3. | 2025 | **Chairman**, Logistics and Organisation Sub-Committee, 11th KNUST Summer School Planning Committee |
| 4. | 2023 | **Chairman**, Logistics and Organisation Sub-Committee, 10th KNUST Summer School Planning Committee |
| 5. | 2018 – 2021 | **Chairman**, Logistics and Organisation Sub-Committee, 9th KNUST Summer School Planning Committee |
| 6. | 2018 – 2019 | **Chairman**, Logistics and Organisation Sub-Committee, 8th KNUST Summer School Planning Committee |
| 7. | 2022 – 2024 | **Chairman**, Committee to Document Unity Hall’s towards 55th anniversary |
| 8. | 2022 – 2024 | **Chairman**, SDG (Goal 17) – Partnership for Goals Committee |
| 9. | 2023 | **Panel Member,** Leadership Workshop for Early Career Females in Academia |
| 10. | 2022 | **Special Guest**, KNUST Laboratory for Interdisciplinary Statistical Analysis (LISA) 2020 Sustainability Symposium |
|  | 2022 | **Keynote Speaker**, KNUST 2022 Food Festival |
| 11. | 2022 | **Lead Architect**, Refurbishment of the Offices of the International programmes Office |
| 12. | 2021 – 2023 | **Floor Mentor,** Elite (6th) Floor, Block B, Unity Hall for 2020/2021 to 2022/2023 Academic Years |
| 13. | 2020 | **Resource Person,** One-Day Workshop for Newly Appointed Lecturers and Research Fellows in the Faculty of Built Envt. |
| 14. | 2014 – Date | **Academic Tutor,** Department of Architecture |
| 15. | 2007 – 2010 | **Academic Tutor,** Department of Architecture |
| 16. | 2020 | **Resource Person,** Orientation Workshop for Newly Appointed Lecturers and Research Fellows in the Faculty of Built Environment |
| 17. | 2016 – 2020 | **Chairman –** Senior Staff Housing Committee |
| 18. | 2019 | **Protocol Officer**, Joint Commonwealth Association of Architects, Architects Registration Council and Ghana Institute of Architects Validation of Architecture Programmes Visit |
| 19. | 2018 | **Contributor,** Africa Centre of Excellence Proposal for Urban Design |
| 20. | 2017 | **Editor,** M. Arch 2016 Year Book, Department of Architecture, Faculty of Built Environment, College of Art and Built Environment |
| 21. | 2017 | **Editor,** M. Arch 2015 Year Book, Department of Architecture, Faculty of Built Environment, College of Art and Built Environment |
| 22. | 2017 – 2018 | **Convener** – Projects Sub-Committee, 50th Anniversary Planning Committee, Unity Hall |

**d. Chairmanship of Boards/Committees – National/International Community**

|  |  |  |
| --- | --- | --- |
| **No.** | **Date/Period** | **Position/Role** |
| 1. | 2020 – Date | **Chief Examiner,** Ghana Institute of Architects |
| 2. | 2023 – 2024 | **Chairman,** Visa Facilitation Committee, 2023 Christof Heyns African Human Rights Moot Court Competition |
| 3. | 2025 | **Chairman**, Logistics and Organisation Sub-Committee, 11th KNUST Summer School Planning Committee |
| 4. | 2023 | **Chairman**, Logistics and Organisation Sub-Committee, 10th KNUST Summer School Planning Committee |
| 5. | 2019 – 2021 | **Chairman**, Logistics and Organisation Sub-Committee, 9th KNUST Summer School Planning Committee |
| 6. | 2018 – 2019 | **Chairman**, Logistics and Organisation Sub-Committee, 8th KNUST Summer School Planning Committee |
| 7. | 2022 – 2024 | **Chairman**, Committee to Document Unity Hall’s towards 55th anniversary |
| 8. | 2021 | **Facilitator,** 21st Induction Ceremony of Newly Admitted Architects, Architects Registration Council of Ghana |
| 9. | 2020 | **Facilitator,** 20th Induction Ceremony of Newly Admitted Architects, Architects Registration Council of Ghana |
| 10. | 2020 | **Facilitator,** 3rd Africa Green Building Summit, Ghana Green Building Council |
| 11. | 2022 | **Project Manager**, Implementation of Nationwide Training for GHACEM Mobile Cement Academy |
| 12. | 2018 – 2021 | **Council Member –** Ghana Institute of Architects |
| 13. | 2023 | **Speaker,** TUM Africa Talent Launch, Technical University of Munich. |
| 14. | 2023 | **Speaker,** Launch of West Africa Regional Malaria Surveillance Group Meeting. |
| 15. | 2022 | **KNUST’s Representative**, EU Mission Erasmus+ Programme |
| 16. | 2022 | **Speaker,** Key Technologies in the Bioeconomy 2022 Conference, Technical University of Munich, Germany |
| 17. | 2022 | **KNUST Team Lead,** KNUST/South Dakota State University, USA Partnership Discussions |
| 18. | 2023 | **Speaker,** Regional Bamboo Symposium, Miklin Hotel, Accra, International Bamboo and Rattan Organisation |
| 19. | 2022 – Date | **Lead Architect, Pro Bono Technical Consultancy,** The Church of Pentecost Head Office, Design and Construction of 4 Story Dormitory Facility for Pentecost Preparatory School, Koforidua |
| 20. | 2022 – Date | **Lead Architect, Pro Bono Technical Consultancy,** The Church of Pentecost Head Office, Design and Construction of 3 Story National Evangelism Warehouse and Mission House, Nsawam |
| 21. | 2020 – 2021 | **Team Leader,** Training of Trainers for GHACEM Cement Mobile Academy Project |
| 22. | 2020 – 2023 | **Team Member,** Review of Training Manual for GHACEM Cement Mobile Academy Project |
| 23. | 2015 – Date | **Chairman –** Area Estate Committee Chairman, The Church of Pentecost, Ejisu Area |
| 24. | 2018 | **Facilitator and Moderator,** International Students’ Workshop dubbed: Sustainable Development Goals for University Students at Stuttgart, Germany |
| 25. | 2017 | **Speaker and Facilitator** – Career Guidance and Academic Seminar dubbed: Discovering Your Career Path, Church of Pentecost, Kwamo District |
| 26. | 2017 | **Resource Person,** International Exploratory Workshop: Dutch-Ghanaian Design and Engineering Workshop on the Volta Delta |
| 27. | 2016 | **Co-Organizer and Speaker-** International Student Workshop with the Theme: Parliament without Barriers- kick-off for Barrier free concept in Ghana |
| 28. | 2016 | **Speaker,** World Architecture Day – Ghana 2016 by the Architects Registration Council and Ghana Institute of Architects |
| 29. | 2016 | **Resource Person** – Faculty Seminar for Academic Staff of Faculty of Engineering on how to Translate Academic Engineering Research Solutions into Policies and Practices for Accelerated Sustainable Growth, Ho Polytechnic, Ho |
| 30. | 2015 | **Speaker and Facilitator** – International Students Workshop on Agro-Tourism as Food Security Strategy, College of Art and Built Environment |
| 31. | 2015 | **Guest Speaker** – Launch of the 46th Unity Hall Week Celebration, Unity Hall |

**e. Secretaryship/Membership of Boards/Committees – University Community**

|  |  |  |
| --- | --- | --- |
| **No.** | **Date/Period** | **Position/Role** |
| 1. | 2020 – Date | **Member,** Faculty Board (Professorial Rank in Department of Architecture) |
| 2. | 2023 – 2024 | **Member**, Planning Committee for the 25th Anniversary of Otumfuo Osei Tutu II and Chancellor of KNUST |
| 3. | 2020 – Date | **Member,** Faculty of Built Environment Board |
| 4. | 2024 | **Member**, Search Committee for the Appointment of Director of Health Services, KNUST |
| 5. | 2014 – Date | **Member,** Department of Architecture Board |
| 6. | 2006 – 2010 | **Member,** Department of Architecture Board |
| 7. | 2023 | **Member**, 10th KNUST Summer School Planning Committee |
| 8. | 2020 | **Member,** Lead Policy Champion by S.I.K. Ampadu for Quality Assurance, Ethics, Teaching and Learning, and Course Codes, Names and Credit Hours Policies |
| 9. | 2020 – 2023 | **Member,** Committee for the Establishment of a Mutual Health Fund for Senior Members of KNUST |
| 10. | 2023 | **Member**, Interview Panel for Applicants to MSc. Architecture, MPhil Architectural Studies, MPhil/PhD Architecture Programme for 2022/2023 Academic Year |
| 11. | 2022 | **Co-opted Member,** Search Committee for the Appointment of Director of Works and Physical Development |
| 12. | 2022 | **Member,** Committee to Evaluate Application for the Renewal of Appointment as Director of Works and Physical Development |
| 13. | 2021 – 2023 | **Member**, Committee on Operationalisation of KNUST Moree Facility |
| 14. | 2020 | **Co-opted Member,** Vice Chancellor’s Vision, Thematic Objective – Infrastructure Development Committee |
| 15. | 2020 | **Member,** Committee to Develop a Proposal for Consultancy Services for the Redevelopment of the Akosombo Township into a Modern Green, Smart and Sustainable City, Faculty of Built Environment |
| 16. | 2020 | **Member,** Committee to Evaluate the Conduct of Examinations |
| 17. | 2021 – 2022 | **Member,** Committee to Select Teaching Assistants, Department of Architecture |
| 18. | 2021 – 2022 | **Member,** Peer Review Committee, Department of Architecture |
| 19. | 2021 – 2023 | **Member,** Reconstituted CABE Strategic Plan Committee |
| 20. | 2017 – 2021 | **Member** – 9th Summer School Planning Committee |
| 21. | 2021 | **Member,** Committee to Develop Collaboration with Adjaye Associates |
| 22. | 2021 | **Member,** Jury to Evaluate Presentation on Design of the Administration Building Extension |
| 23. | 2020 – 2021 | **Member,** Committee to Develop Modalities to Establish a Faculty Consultancy and Construction Unit |
| 24. | 2021 | **Member,** College Standing Committee on Awards, CABE |
| 25. | 2021 | **Member,** Group of Experts from Faculty of Built Environment for Infrastructure Forum for Tertiary Educational Institutions in Ghana |
| 26. | 2021 | **Member,** Committee to Moderate Examination Questions, Department of Architecture |
| 27. | 2020 | **Member,** Committee to Review the Master of Landscape Architecture Programme |
| 28. | 2016 – 2020 | **Member –** Estate Organization Management Committee |
| 29. | 2019 - 2021 | **Member,** Ad hoc Committee to Review and Regulate Teaching and Examinations Time Tables and Use of Classrooms Across the University |
| 30. | 2019 | **Member** – Committee to Review Draft Housing Policy for KNUST |
| 31. | 2016 – 2019 | **Non-Professorial Member** – College of Art and Built Environment Board |
| 32. | 2016 – 2019 | **Member** – Committee for the Promotion of Senior and Junior Staff at the College of Art and Built Environment |
| 33. | 2016 – 2019 | **Member,** College of Art and Built Environment Conference Committee |
| 34. | 2019 | **Member** – Committee to Audit Affiliate Technical Universities and Private University Colleges of KNUST |
| 35. | 2018 – 2019 | **Member** – Committee to prepare a Strategic Plan for the College of Art and Built Environment from 2019 – 2024 |
| 36. | 2018 | **Member,** College Strategic Plan Oversight Implementation Committee |
| 37. | 2018 | **Contributor,** Africa Centre of Excellence Proposal for Urban Design |
| 38. | 2018 | **Secretary** – Committee for Excellence Awards, College of Art and Built Environment |
| 39. | 2017 – 2019 | **Member** – Committee to Investigate and Update Land Records of KNUST |
| 40. | 2017 – 2018 | **Member** – 50th Anniversary Planning Committee, Unity Hall |
| 41. | 2016 | **Participant and Faculty Representative,** Stakeholder Meeting on Revised Guidelines for Postgraduate Education |
| 42. | 2016 – 2020 | **Member** – KNUST Estate Organisation Management Committee |
| 43. | 2016 – 2020 | **Secretary** – Thesis Topics Approval Committee, Department of Architecture |
| 44. | 2016 – 2020 | **Secretary,** Publications Committee – Department of Architecture |
| 45. | 2016 – 2020 | **Secretary,** Committee for Departmental Publications |

**f. Secretaryship/Membership of Boards/Committees – National/International Community**

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| **No.** | **Date/Period** | **Position/Role** |
|  | 2025 – Date | **Member,** Academic Institutions Sub-Committee, Ghana Institute of Architects |
| 1. | 2023 – 2024 | **Member,** Ghana Advisory Committee, Smart Sustainable Development Goals (SDG) Cities Programme |
| 2. | 2018 – 2021 | **Member,** Council of the Ghana Institute of Architects |
| 3. | 2019 – 2025 | **Member,** Examinations Committee, Ghana Institute of Architects |
| 4. | 2023 | **KNUST Representative,** Graduation Ceremony of 1st Cohort of the Online Diploma in International Trade Programme by the Ghana Export Promotion Authority |
| 5. | 2022 | **Member,** Team to Develop Strategic Plan for the Smart Sustainable Cities Project, Akyem Abuakwa Traditional Council |
| 6. | 2021 – 2023 | **Member,** Education Commission, International Union of Architects (UIA) |
| 7. | 2022 – 2024 | **Chairman**, Committee to Document Unity Hall’s towards 55th anniversary |
| 8. | 2023 | **Participant,** Pamoja Nairobi Summit, Strathmore Business University, Kenya |
| 9. | 2015 – Date | **Pro Bono Building Consultancy Services,** The Church of Pentecost, Ejisu Area |
| 10. | 2019 – 2020 | **Pro Bono Architectural Design Consultancy Services,** The Church of Pentecost, Akim Oda Area |
| 11. | 2019 – Date | **Relations Secretary –** Pentecost Built Environment Guild, National Executive, The Church of Pentecost, Ghana |
| 12. | 2018 | **Moderator,** 18th Induction Ceremony for Newly Admitted Architects by The Architects Registration Council of Ghana |
| 13. | 2017 | **Team Member** - Research on Industry Profile of the Architectural Practice in Ghana for the Architects Registration Council |
| 14. | 2018 – 2021 | **Coordinator –** ERASMUS+ KA107 Higher Education Staff and Student Mobility Collaboration between the Department of Architecture, KNUST and Frankfurt University of Applied Sciences, Frankfurt, Germany |

**g. Visiting Scholar/Scientist/Partnership Dialogue Positions**

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| **No.** | **Date/Period** | **Position/Role** |
| 1. | 2025 | **Co-Facilitator and Participant:** Signing of Memorandum of Understanding between Hubei University of Automotive Technology, China on behalf of the Confucius Institute at KNUST and Technical University of Kenya, Kenya in Nairobi on June 6, 2025. |
| 2. | 2025 | **Facilitator and Participant:** Pro Vice-Chancellor’s Delegation to attend the EuroTech Partner Days and hold Partnership Discussions at Technical University of Munich, Germany |
| 3. | 2025 | **Facilitator and Participant:** Vice-Chancellor’s Delegation to attend Association of African Universities Capacity Building Workshop on Safety and Security in African Universities in Mauritius from March 18-20, 2025. Theme: Revival and Refocusing of Security Departments in African Universities and Colleges in the 21st Century. |
| 4. | 2025 | **Facilitator and Participant:** Vice-Chancellor’s Delegation to attend historic partnership signing agreement with the University of Seychelles and hold partnership discussions from January 23-24, 2025. |
| 5. | 2024 | **Co-Principal Investigator**, Shells of Elegance, Emotions from the Deep Workshop under the auspices of TCC-CIMET Smart-Cities and Manufacturing Lab. |
| 6. | 2024 | **KNUST Team Lead,** 1st International Partners Conference, University of Leeds, UK, December 4-5, 2024 and hold partnership discussions. |
| 7. | 2024 | **Team Lead and Participant,** World Chinese Language Conference in Beijing, China on November 15-17, 2024, China National Convention Centre. Theme: Interconnection, Integration, Inheritance, Innovation. |
| 8. | 2024 | **Team Lead,** Delegation for the Signing of Memorandum of Understanding between the Colleges of Education, KNUST and Hubei University of Automotive Technology, China, November 13, 2024. |
| 9. | 2024 | **Keynote Speaker,** Opening Ceremony for launch of Sino-Ghana Research Centre for West Africa at the Hubei University of Automotive Technology (HUAT) in Hubei, China. Topic: Interactions of Culture to Co-Create Knowledge for Global Impact. Themes: establishment of area studies research centres and the shift of foreign language disciplines. |
| 10. | 2024 | **Keynote Speaker,** Annual Seminar and Annual General Meeting of Ghana Institute of Construction. Conference Room of the Department of Construction Technology and Management, KNUST. Topic: Exploration of Sustainability Concepts within the Built Environment, October 11, 2024. |
| 11. | 2024 | **Team Lead,** KNUST delegation to hold partnership discussions and Knowledge Transfer Project meetings at Manchester Metropolitan University, UK from September 24-25, 2025. |
| 12. | 2024 | **Leader,** KNUST partnership discussion with Rector and Management of the University of Brescia, Italy on September 11, 2024 on expanding KNUST and Brescia’s partnership activities. |
| 13. | 2024 | **Team Lead,** KNUST Delegation to attend 2024 African Elite Program, Taiwan and hold partnership discussions at Fu Jen catholic University from June 17-21, 2024 and explore partnership opportunities at Grape King Bio Industry, Yuanpei University of Medical Technology, Providence University, Cardinal Tien College of Healthcare and Management, St. Mary’s Junior College of Medicine, Healthcare and Management, and Herbelle Biotechnology in Taiwan. |
| 14. | 2024 | **Facilitator and Participant,** Ashanti Regional and KNUST delegation for Historic Visit to Hubei University of Automotive Technology for 1st Principals Tour and Partnership Discussions from July 10-14, 2024. |
| 15. | 2024 | **Speaker,** Partnership Ceremony for Signing Memorandum of Understanding between KNUST and Fu Jen catholic University at African Elite Program, Taiwan at. June 17-21, 2024. |
| 16. | 2024 | **Team Lead,** KNUST Delegation to International Week Celebration and Partnership Discussions for Expanding 3+1+1 programme to Department of Planning for Universitè Catholique de Lille, France from June 17-21, 2024, signing of partnership agreements between the two universities and interacting with KNUST students at Lille. |
| 17. | 2024 | **Facilitator and Participant,** Vice Chancellor’s Delegation to Victoria and Albert Museum, London, UK to review ongoing exhibition on Tropical Modernism where KNUST Artefacts, critical role played by Dr. Kwame Nkrumah among others were on Display. Friday March 8, 2024. |
| 18. | 2024 | **Facilitator and Participant,** Vice Chancellor’s Delegation to Launch of Association of African Universities European Regional Office at the University of Nottingham, UK, March 6, 2024. |
| 19 | 2024 | **Facilitator and Participant,** Vice Chancellor’s Delegation to Deliver Keynote at Dies Academicus, Engage in Partnership Discussions at the Technical University of Munich, December 1-7, 2024 and interact with KNUST alumni studying at the Technical University of Munich. |
| 20. | 2023 | **KNUST Lead,** Partnership discussion with Team from the Faculty of Environment of the University of Waterloo, Canada in Accra on November 13, 2023 |
| 21. | 2023 | **Visiting Scholar for Teaching Mobility,** ERASMUS+ KA107 Higher Education Staff Mobility, Frankfurt University of Applied Sciences, Germany (Nov 6 – 10, 2023) |
| 22. | 2023 | **Facilitator and Participant,** Vice Chancellor’s Delegation to the University of Nottingham, UK for Partnership Expansion Discussions, explore further opportunities and interact with Ghanaian students, October 25 – 27, 2023. |
| 23. | 2023 | **Facilitator and Participant,** Vice Chancellor’s Delegation to the New Mexico Institute of Mining and Technology to sign Memorandum of Understanding, Discuss Implementation of Agreement, explore further opportunities and interact with Ghanaian students at NMT from October 19 – 21, 2023. |
| 24. | 2023 | **KNUST Team Lead,** Delegation to South Dakota State University for Partnership Discussions and Expansion of partnership activities in Nursing, Pharmacy and Precision Agriculture, from October 10-14, 2024. |
| 25. | 2023 | **KNUST Team Lead,** Delegation to attend One Health Workshop and Discuss Partnership Renewal at the University of Bremen, Germany from August 25 to September 1, 2023. |
| 26. | 2023 | **KNUST Representative and Participant,** Pamoja Nairobi Partner Summit held at Strathmore University Business School from May 24-25, 2023 in Kenya. Summit focused on establishing and strengthening partnerships between University of Notre Dame, USA and academic and non-academic institutions, research centres, individual researchers, scholars, students and policy makers on the African continent. |
| 27. | 2023 | **Facilitator and Participant,** KNUST delegation to sign Memorandum of Understanding with and strengthen collaboration with the University of Nottingham, tour facilities and engage Ghanian students on November 11, 2023. |
| 28. | 2023 | **Facilitator and Participant,** KNUST delegation to sign Memorandum of Understanding with and strengthen collaboration with University of Nottingham, tour facilities and engage Ghanaian students on November 11, 2023. |
|  |  | **KNUST Lead,** partnership discussions with Indian High Commissioner to Ghana and Ashanti Regional Minister about intensifying relationship on June 15, 2023. |
|  |  | **KNUST Team Lead,** Partnerships discussions with the Italian Ambassador to Ghana to formalize/expand relationship with KNUST on February 7, 2023. |
|  | 2023 | **Speaker,** Launch of TUM Africa Talent Programme for doctoral students from KNUST on a 3-month mobility to Technical University of Munich on January 24, 2023. |
| 29. | 2022 | **Facilitator and Participant,** KNUST delegation to explore collaboration with Universitè Paris Citè, France together with University Registrar and Finance Officer on November 8, 2023. |
| 30. | 2022 | **Facilitator and Participant,** KNUST delegation to explore collaboration with Agro Paris Tech, France together with University Registrar and Finance Officer on November 8, 2023. |
| 31. | 2022 | **Facilitator and Participant,** KNUST delegation to strengthen collaboration with Universitè Paris Saclay, France together with University Registrar and Finance Officer on November 8, 2023. |
| 32. | 2022 | **Facilitator and Participant,** KNUST delegation working visit/strengthening of collaboration with Ecole de Beaux Arts, Paris, France together with University Registrar and Finance Officer on November 8, 2022. |
| 33. | 2022 | **Facilitator and Participant,** KNUST delegation to explore collaboration with Sciences Po, Paris, France together with University Registrar and Finance Officer on November 8, 2022. |
| 34. | 2022 | **Facilitator and Participant,** KNUST delegation to visit teaching, research and learning facilities and finalize collaboration discussions with President and leadership of the University of Lille, France together with University Registrar and Finance Officer on November 7, 2022. |
| 35. | 2022 | **Facilitator and Participant,** KNUST delegation to visit Ecole Polytechnique Universitaire De Lille, France together with University Registrar and Finance Officer on November 7, 2022. |
| 36. | 2022 | **Facilitator and Participant,** Vice Chancellor’s Delegation visit to Inauguration of President of Ramapo College of New Jersey, USA and hold partnership strengthening discussions from October 15-19, 2022. |
| 37. | 2022 | **Facilitator and Participant,** Vice Chancellor’s delegation to visit South Dakota State University to finalize collaboration discussions and visit research and teaching facilities and engage international Students at South Dakota State University, USA from October 12-14, 2022. |
| 38. | 2022 | **KNUST Lead,** Discussions to rekindle partnership between KNUST and Michigan State University, USA following expiration 7 years ago and to look for new opportunities for the partnership in September 2022. |
| 39. | 2022 | **KNUST Lead,** to engage with Iowa State University, USA following the impending expiration of the existing MOU and to explore opportunities for expansion for the new MOU in September 2022. |
| 40. | 2022 | **KNUST Team Lead,** to engage with South Dakota State University, USA following the impending expiration of the existing MOU and to explore opportunities for expansion for the new MOU in September 2022. |
| 41. | 2022 | **Facilitator:** Vice Chancellor’s Delegation Visit to South Dakota State University, USA – Leadership Dialogue/Partnership Agreement Renewal |
| 42. | 2022 | **Facilitator:** Vice Chancellor’s Delegation Historic Visit to Frankfurt University of Applied Sciences, Germany for Leadership Dialogue |
| 43. | 2022 | **Facilitator:** Vice Chancellor’s Delegation Visit to Technical University of Munich, Germany – Leadership Dialogue/Signing Cooperation Centre Agreement. |
| 44. | 2022 | **Guest Lecture**, ARC 399: What is a Good City Course, Daniels School of Architecture, University of Toronto. |
| 45. | 2022 | **Visiting Scholar for Teaching Mobility,** ERASMUS+ KA107 Higher Education Staff Mobility, Frankfurt University of Applied Sciences, Germany (April 25 – 29, 2022) |
| 46. | 2021 | **Visiting Scholar for Teaching Mobility,** Frankfurt University of Applied Sciences, Germany (January 2021) |
| 47. | 2019 | **Visiting Scholar for Teaching Mobility,** ERASMUS+ KA107 Higher Education Staff Mobility, Frankfurt University of Applied Sciences, Frankfurt, Germany (Nov. 18 – 22, 2018) |
| 48. | 2018 | **Visiting Scholar for Teaching Mobility,** ERASMUS+ KA107 Higher Education Staff Mobility, Frankfurt University of Applied Sciences, Frankfurt, Germany (June 18 – 22, 2018) |
| 49. | 2018 | **Speaker and Facilitator –** InternationalExchange Workshop and Seminar on the Volta and Run-Mass Deltas at the Technical University of Delft, Netherlands |

**h. External Assessor/Reviewer**

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| **S/N** | **Date/Period** | **Position/Role** |
| 1. | 2025 | **Assessor,** Nobel Sustainability Trust Award Committee 2025, Institute for Advanced Study, Technical University of Munich and Nobel Sustainability Trust (NST), Germany |
| 2. | 2025 – Date | **External Examiner,** Department of Building Technology, Ho Technical University |
| 3. | 2022 | **External Assessor,** University Appointments and Promotion, Promotion of Applicant to Rank of Associate Professor, Tamale Technical University |
| 4. | 2020 | **External Assessor,** Promotion to Senior Lecturer, Kumasi Technical University |
| 5. | 2015 | **External Examiner,** Candidate for Master of Construction Management, Michigan State University, USA |

**i. Reviewer of Journals**

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| **S/N** | **Date/Period** | **Position/Role** |
| 1. | 2023 – Date | **Reviewer,** International Journal of Energy Sector Management |
| 2. | 2021 – Date | **Reviewer,** International Journal of Sustainability in Higher Education |
| 3. | 2021 – Date | Reviewer, Journal of Engineering, Design, and Technology |
| 4. | 2020 – Date | **Reviewer,** Sustainable Cities and Society |
| 5. | 2014 – Date | **Reviewer** – the Professional Constructor Journal for the American Institute of Constructors |

**LINKAGES AND NETWORKS**

Linkages and networks are important to facilitate collaboration to provide mutual support, help increase impact and outcomes and enhance reputation for the good of individuals and organisations. Over several years, I have developed several linkages and networks in academia and industry locally, nationally and internationally as indicated below:

**International Partners**

1. Technical University of Munich, Germany
2. Hubei University of Automotive Technology, Shiyan, China
3. The Church of Pentecost Headquarters
4. The University of Nottingham, UK
5. South Dakota State University, USA
6. University of Michigan, USA
7. Michigan State University, USA
8. Arizona State University, USA
9. New Mexico Institute of Mining and Technology, USA
10. Iowa State University, USA
11. Ramapo College of New Jersey, USA
12. Southern University, USA
13. University of Toronto, Canada
14. University of Waterloo, Canada
15. Aalto University, Finland
16. University of Eastern Finland, Finland
17. Kings College London, UK
18. Bournemouth University, UK
19. German Development Corporation (GIZ)
20. The European Union
21. German Academic Exchange Service (DAAD) Regional Office
22. Technical University of Munich, Germany
23. Technical University of Berlin, Germany
24. Hochschule Darmstadt University of Applied Sciences, Germany
25. Frankfurt University of Applied Sciences, Germany
26. Hochschule München University of Applied Sciences, Germany
27. University of Bremen, Germany
28. RWTH Aachen University, Germany
29. University of Brescia, Italy
30. Universita degli Studi de L’Aquila, Italy
31. The African Regional Intellectual Property Organisation (ARIPO)
32. University of Nairobi, Kenya
33. Strathmore University, Kenya
34. Technical University of Kenya
35. Management University of Africa, Kenya
36. Stellenbosch University, South Africa
37. University of Johannesburg, South Africa
38. University of Cape Town, South Africa
39. Burkina Institute of Technology, Burkina Faso
40. University of Lille, France
41. Catholic University of Lille, France
42. University of Paris Saclay, France
43. CESI School of Engineering, France
44. Ecole National Superieure des Beaux-Arts, Paris, France
45. Ernest Bae Koroma University of Science and Technology, Sierra Leone
46. Embassy of France in Ghana
47. Embassy of Italy in Ghana
48. Embassy of Spain in Ghana
49. Embassy of the Republic of Brazil in Ghana
50. Embassy of the United States of America in Ghana
51. Embassy of the Federal Republic of Germany in Ghana
52. Francis Faki Amanquah Foundation
53. McCall McBain Scholarship, Canada
54. Bindura University of Science Education, Zimbabwe
55. UnternehmerTUM, Centre for Innovation and Business Creation, Germany
56. Hubei Truckinn Technology Co. Ltd., China
57. University of the Aegean, Greece
58. University of Alicante, Spain
59. Polytehnica University Timisoara, Romania
60. Underground Contemporary Space, Kampala, Uganda
61. University of Seychelles, Seychelles Islands
62. Amira Global
63. Walter Sisulu University, South Africa
64. Karlsruhe Institute of Technology, Germany
65. Louisiana State University, USA
66. University of Memphis, USA
67. Fu Jen Catholic University, Taiwan
68. University of East Anglia, UK
69. LIMBO Architecture Lab
70. Hohai University, China

**National Partners**

1. Otumfuor Osei Tutu II Foundation
2. GHACEM Ltd., Ghana
3. Project Management Professional
4. Nestle Ghana Ltd.
5. Ghana Institute of Architects
6. Architects Registration Council
7. Interior Designers and Decorators Ghana
8. ACE Consult, Kumasi
9. American Corner, Kumasi
10. American Corner, Accra
11. EducationUSA Kumasi
12. Akyem Abuakwa Traditional Council (Ofori Panin Fie)
13. DOK Professional Services, Ghana
14. African Golden Food Ltd.
15. Women in Science, Technology, Engineering and Mathematics Ghana
16. University of Cape Coast
17. University of Ghana
18. Tamale Technical University
19. Kumasi Technical University
20. KNUST Senior High School
21. Hill Top School, Kumasi
22. Campus France at KNUST
23. Smart Sustainable Cities and Historical Heritage, Kyebi
24. Kumasi Metropolitan Assembly
25. Three Mountains Cocoa

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| **REFEREES** | |
| **Professor Wilson Agyei Agyare**  Former Director  Directorate of Student Affairs  Kwame Nkrumah University of Science and Technology,  Kumasi – Ghana  Email: [wagyare@yahoo.co.uk](mailto:wagyare@yahoo.co.uk)  [wagyare.co@knust.edu.gh](mailto:wagyare.co@knust.edu.gh)  Tel: (+233)263147266; (+233)244058675 | **Professor Dr. Juliane Winkelman**  Senior Vice President  International Alliances and Alumni  Technical University of Munich  Munich  Germany  Email: [juliane.winkelmann@tum.de](mailto:juliane.winkelmann@tum.de)  Tel: (+49)170 1809506 |
| **Professor Mrs. Chrissie Stansie Abaidoo**  Department of Anatomy  Kwame Nkrumah University of Science and Technology, Kumasi Ghana  Email: [chrissiestansieabaidoo@yahoo.co.uk](mailto:chrissiestansieabaidoo@yahoo.co.uk)  Tel: (+233)208126817 | |

**LANGUAGE SKILLS**

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| **Language** | **Written** | **Spoken** |
| English | Excellent | Excellent |
| Twi | Excellent | Excellent |
| Ga | Basic | Excellent |
| French | Basic | Basic |
| Chinese | Nil | Basic |
| German | Nil | Basic |

**CERTIFICATION**

I, the undersigned certify that to the best of my knowledge and belief, this application for appointment as Provost of the College of Art and Built Environment correctly describes myself, my qualifications, my vision and my experiences.



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*(Signature)*

Full Name: Professor Daniel Yaw Addai Duah (PhD, FGIA)

Dated: June 18, 2025