**KWAME NKRUMAH UNIVERSITY OF SCIENCE AND**

**TECHNOLOGY, KUMASI, GHANA**

CURRICULUM VITAE

Submitted by

**DR. (MRS) DINA ADEI**

Senior Lecturer

Department of Planning

Faculty of Built Environment

College of Art and Built Environment

KNUST- Kumasi

**October, 2021**

CURRICULUM VITAE

Name : **MRS. DINA ADEI, PhD**

Present Designation: **SENIOR LECTURER**

Department ……………: **PLANNING**

College : **ART AND BUILT ENVIRONMENT**

Institution: **KWAME NKRUMAH UNIVERSITY OF SCIENCE AND TECHNOLOGY**

Phone Number ……………: **0244 871548**

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# 1.0 (a) ACADEMIC DEGREES/CERTIFICATES EARNED WITH DATES

PhD (Planning) 2019

M.Sc. (Development Policy & Planning) 2005

B.A. (Economics. & Sociology) 2001

Cert. Occupational Health Nursing 1995

State Registered Nurse (SRN) 1988

## (b) Institutions attended with dates

Kwame Nkrumah University of Science and Technology 2016 – 2019

Kwame Nkrumah University of Science and Technology 2003 – 2005

Kwame Nkrumah University of Science and Technology 1998 – 2001

University of California Irvine 1993 – 1995

Nurses Training College Kumasi 1985 – 1988

# 2.0 UNIVERSITY TEACHING AND/ OR RESEARCH EXPERIENCE WITH DATES:

## (a) Academic ranks held and subjects taught

***Academic ranks held***

Oct. 2012 to date Senior Lecturer

Aug 2011 to July 2012 Lecturer

Jan 2006 to July 2011 Research Fellow

Oct. 2002 to July 2004Teaching Assistant (Sociology Section, KNUST)

***Subjects taught***

*Undergraduate Course Modules*

PL 159: Economics for Development I

PL 160: Economics for Development II

PL 251: Rural Settlement Planning Workshop I

PL 252: Rural Settlement Planning Workshop II

SP 264: Social Policy Planning

PL 358: Health Services Planning

PL 459: Management and Entrepreneur skills

*Postgraduate Course Modules*

PL 551: Economic Analysis and Development

PL 556: Comparative Development Policy Experience Seminar

DPP 570: Social Sector Policy and Planning (Health)

PL 661: Social Sector Policy and Planning (Health)

DPP 554: National Development Seminar and Workshop

PL 653: National Development Seminar and Workshop

PL 657: Macro- Economic Policy and Planning

## (b) Supervision of student project work/theses/research

 Number of undergraduate students’ Project supervised and graduated – 46

 Number of postgraduate students’ project supervised and graduated – 17

## c) Other Professionally related experience

*Membership of Professional Bodies*

1) Ghana Institute of Planners 2020 to Date

2) Association of Certified Chartered Economists 2011 to Date

3) Registered Nurse California (Board Certified RN) 1992 to Date

# 3.0. DETAILS OF RESEARCH UNDERTAKEN/ ONGOING SINCE 2012

## 3a: Research conducted/ Ongoing (Topic with dates)

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| **No.** | **Dates** | **Topic** |
| 1 | 2021 | Analyzing health care utilization and associated socio-demographic factors among tertiary students in the Ashanti Region |
| 2 | 2021 |  Effect of COVID 19 pandemic on health status of tertiary students in Ashanti region |
| 3 | 2021 |  Access to social support among tertiary students during COVID 19 pandemic  in Ashanti region. |
| 4 | 2021 | Drivers of traditional medicine use among older adults during COVID 19 pandemic. |
| 5 | 2021 | Predictors and prevalence of self medication use among older adults during COVID 19 pandemic in Ghana. |
| 6 | 2021 | Determinates of formal healthcare utilization among older adults during COVID 19 pandemic in Ghana. |
| 7 | 2020 to date | An Integrative Review of Macro - and Meso - Determinants of National Health Insurance Enrolment among Older Adults in Ghana. |
| 8 | 2020 to date | An integrative review on individual determinants of enrolment in National Health Insurance Scheme among older adults in Ghana  |
| 9 | 2020 to date |  Factors associated with community awareness offorest reserve regulations in the Tano-Offin forestreserve in Ghana. |
| 10 | 2020 | Protecting the patches from the footprints: examining the land use factors associated with forest patches in Atewa range forest reserve. |
| 11 | 2020 to Date | Rural land use, forest management, and satisfaction in community involvement in decision making: Evidence from Tano-Offin Forest Reserve in Ghana |
| 12 | 2020 to Date | Impact of Livelihood Empowerment Against Poverty Programme on Health Care Use Among Beneficiaries in the Domeabra Community. |
| 13 | 2019 | Barriers encountered by poor older people under the Livelihood Empowerment Against Poverty Programme (LEAP) in Ghana |
| 14 | 2019 | Exposure to occupational hazards among bakers and their coping mechanisms in Ghana. |
| 15 | 2019 | Dynamics of health information-seeking behaviour among older adults with very low incomes in Ghana: A qualitative study |
| 16 | 2019 | Predictors of enrollment in a health protection scheme among informal sector workers in Kumasi Metropolis of Ghana.  |
| 17 | 2019 | Economic Cost of Occupational Injuries and Diseases among Informal Welders in Ghana |
| 18 | 2019 to Date | The Roles and Challenges of Institutions in Ensuring Occupational Health and Safety Among Informal Sector Workers in the Kumasi Metropolis of Ghana |
| 19 | 2019 | Occupational Health and Safety Practices among Fishmongers in Kumasi Metropolitan Area. Ghana. |
| 20 | 2018 | Improving Upon the Working Environment of Informal Sector Workers; the Role of Planning. |
| 21 | 2018 | Occupational Health and Safety Practices among Informal Welders in the Kumasi Metropolitan Area, Ghana. |
| 22 | 2018 | Utilisation of Traditional and Orthodox Medicine in the Global South: Insight from the Bolgatanga Municipality of Ghana.  |
| 23 | 2018 | Utilisation of Family Planning Services. A Case of Upper Denkyira East and Mfantseman Districts in the Central Region of Ghana.  |
| 24 | 2016 | Contribution of Community Based Health Planning Service in Maternal Health Service Delivery in the Tamale Metropolitan Area, Ghana.  |
| 25 | 2016 | Sustainability of Maternal Health Care Interventions in Rural Ghana: The Case of Kassena-Nankana West District.  |
| 26 | 2015 | Solid Waste Management and its Health Implications on the Dwellers of Kumasi Metropolis, Ghana. |
| 27 | 2015 | Potentials of Cellular Phone Technology for local Economic Development in the Offinso Municipality, Ghana.  |
| 28 | 2015 | Basic Needs for the Aged in Selected Districts in Ashanti Region of Ghana.  |
| 29 | 2014 | An assessment of the National Health Insurance Scheme in the Sekyere South District, Ghana.  |
| 30 | 2013 | Assessment of the perception and knowledge of chemical hazards associated with the handling and disposal of computer waste in Kumasi Ghana.  |
| 31 | 2013 | Occupational Health and Safety of the Informal Sector in the Sekondi-Takoradi Metropolitan Area of Ghana.  |
| 32 | 2012 | Assessment of local Wood Species used for the manufacture of cookware and the perception of chemical benefits and chemical hazards associated with their use in Kumasi, Ghana |

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## 3b) Publication arising out of the Research

### i) Referred journal papers with exact references

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| **No.** | **Publication** |
|  1. |  Oduro Appiah, J., Agyemang-Duah, W., Adei, D., Sobeng, A. K., Abrafi Adomako, J. A. & Peprah, P (2021). Factors associated with community awareness offorest reserve regulations in the Tano-Offin forestreserve in Ghana. African Geographical Review, DOI: 10.1080/19376812.2021.1961089 |
| 2. | **Adei, D.,** Braimah, I., Mensah, J.V., Acquah Mensah, A. and Agyemang-Duah, W. (2021). Improving upon the working environment of informal sector workers in Ghana: the role of planning. *Cogent Medicine (2021),* 8:1 00: 1911441https: //doi. org/10. 1080/2331205X.2021.1911441. |
| 3. | **Adei, D.,** Agyemang-Duah, W. and Mensah, A.A. (2021) Demographic and socio-economic factors associated with exposure to occupational injuries and diseases among informal sector workers in Kumasi metropolis, Ghana. *J Public Health (Berl.)* (2021). https://doi.org/10.1007/s10389-021-01492-3 |
| 4. | Agyemang‑Duah, W., Oduro Appiah, J and **Adei, D** (2021). Protecting the patches from the footprints: examining the land use factors associated with forest patches in Atewa range forest reserve. *BMC Ecology and Evolution (2021) 21:28* https://doi.org/10.1186/s12862-021-01758-0 |
| 5. | **Adei. D.**, Acquah Mensah. A, Agyemang-Duah. W and Kankam. K. K | (2021) Economic Cost of Occupational Injuries and Diseases among Informal Welders in Ghana, *Cogent Medicine,* 8:1, 1876338, DOI: 10.1080/2331205X.2021.1876338 |
| 6. | Agyemang-Duah. W., **Adei. D.,** Oduro Appiah, J., Peprah. P., Amponsah Fordjour. A., Peprah. V and Peprah.C. (2020): Communication barriers to formal healthcare utilisation and associated factors among poor older people in Ghana, *Journal of Communication in Healthcare,* DOI: 10.1080/17538068.2020.1859331 |
| 7. | Bonsu. W.S., **Adei, D** and Agyemang-Duah. W (2020). Exposure to occupational hazards among bakers and their coping mechanisms in Ghana, *Cogent Medicine**, 7:1, 1825172 doi.org/10.1080/2331205X.2020.1825172* |
| 8. | Appiah.O. J., Agyemang-Duah. W., Peprah. C., **Adei. D**., Peprah. P and Amponsah Fordjour. A (2020). Transportation barriers to formal healthcare utilisation and associated factors among poor older people under a social protection programme in Ghana. *Journal of Transport & Health 19* (2020) 100965. |
| 9 | Appiah.O. J.**,** Agyemang-Duah. W, Amponsah Fordjour. A and **Adei, D** (2020). Predicting financial barriers to formal healthcare utilization among poor older people under the Livelihood Empowerment Against Poverty programme in Ghana*. GeoJournal* <https://doi.org/10.1007/s10708-020-10255-8> |
| 10. | Agyemang-Duah. W., Arthur-Holmes, F., Peprah, C., **Adei, D.** and Peprah, P (2020). Dynamics of health information-seeking behaviour among older adults with very low incomes in Ghana: A qualitative study. *BMC* *Public Health,* *20*, 928. |
| 11. | **Adei, D.,** Agyemang Duah, W. and Acquah Mensah, A. (2019). Predictors of enrollment in a health protection scheme among informal sector workers in Kumasi Metropolis Of Ghana. *BMC* *Research Notes*, *12*(1), 758. |
|  12. | **Adei, D**, Braimah, I. and Mensah, J. V. (2019). Occupational Health and Safety Practices Among Fish Processors in Kumasi Metropolitan Area. Ghana. *Occupational Health Science*, 3(1), 83-102 |
|  13. | Begohn, M. M., **Adei, D** and Mireku,S.I (2016) Contribution of Community Based Health Planning Service in Maternal Health Service Delivery in the Tamale Metropolitan Area, Ghana. *Journal of Medicine, Physiology and Biophysics* 28:18-35. |
| 14. | Aziabah, S. P, **Adei, D** and Dinye, R. D. (2016).Sustainability of Maternal Health Care Interventions in Rural Ghana: The Case of Kassena-Nankana West District. *Journal of Developing Country Studies* 6 (11):120-134. |
| 15. | **Adei**, **D.,** Addo. I.B and Acheampong, E.O. (2015).Solid Waste Management and Its Health Implications on the Dwellers of Kumasi Metropolis, Ghana.Current *Research Journal of Social Sciences* 7 (3):81-93. |
| 16. | **Adei, D**., Amponsah, O., and Acheampong E. O. (2015). Potentials of cellular phone technology for local economic development in the Offinso Municipality, Ghana. *The Journal of Rural and Community Development,* 10 (1):173-190. |
| 17 | **Adei, D** Anning. A. and Mireku, S.I. (2015). Basic Needs for the Aged in Selected Districts in Ashanti Region of Ghana. *Journal of Humanities and Social Science* 5 (2 ): 92-108. |
| 18. | **Adei, D.**, Amankwah, E. and Mireku, S.I. (2014). An Assessment of the National Health Insurance Scheme in the Sekyere South District, Ghana. *Current Research Journal of Social Sciences 7 (3):67- 80.* |
| 19. | Mensah, J. K., Adei, E., **Adei, D** and Aryee, A.A. (2013). Assessment of the perception and knowledge of chemical hazards associated with the handling and disposal of computer waste in Kumasi Ghana. *Expert Opinion on Environmental Biology.2 (3): 1 – 17* |
| 20. | Ametepeh, R,S.,  **Adei, D.** and Arhin, A.A. (2013). Occupational health and safety of the informal sector in the Sekondi-Takoradi Metropolitan Area of Ghana. *Journal of Humanities and Social Science* 3 (20) 87-99 |
| 21. | Mensah, J.K., Adei, E., **Adei, D.** and Gwendolyn, O.A. (2012). Assessment of local wood species used for the manufacture of cookware and the perception of chemical benefits and chemical hazards associated with their use in Kumasi, Ghana. *Journal of Ethnobiology and Ethnomedicine,* 8(46):1 – 17 |

**4.0. CONFERENCES, SEMINARS AND WORKSHOPS ATTENDED**

|  |  |  |
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| **No.** | **Year** | **Conferences, Seminars and Workshops** |
| **University**  |
| 1 | 2021 | SDGs and Universities: Actions towards KNUST’s Mandate at 70 and Beyond*”.* 9TH KNUST Summer School - 31st August – 3rd September, 2021 |
| 2 | 2020 | Training of Academic staff on the use of Module for Online Teaching and learning. College of Science 22nd to 26th September, 2020 |
| 3 | 2018 | Improving the Quality of Higher Education through Effective Measurement and Evaluation 8th KNUST Summer School 20th to 24th August 2018. |
| 4 | 2017 | Knowledge Enhancing Workshop for Postgraduate Students – 4th – 5th September, 2017 at the Graduate Studies Conference Room. |
| 5 | 2017 | Technology, manpower training and development 7th KNUST Summer School 21st to 25th August 2017. |
| 6 | 2017 | BSUII Workshop on Academic Writing from 15th – 17th August 2017 at the School of Graduate Studies Conference Room. |
| 7 | 2016 | Strengthening the Linkage Amongst Academia, Industry and Government 6th KNUST Sumer School 15th to 18th August 2016 |
| 8 | 2015 | Sustainable Development of Tertiary Institutions in Ghana Amidst Economic and Security Challenges 5th KNUST Summer School 17th – 20th August, 2015. |
| 9 | 2014 | Advancing Science and Technology through effective Communication. 4th KNUST Summer School. 18th – 22nd August, 2014. |
| 10 | 2014 | Workshop on academic mentorship. College of Science Auditorium. 2nd April, 2014. |
| **International** |
| 1 | 2017 |  6th International Conference on Infrastructure Development in Africa. IDL Conference Center KNUST Kumasi, Ghana. 12th – 14th April, 2017. |
| 2 | 2015 | International Conference on Infrastructure Development in Africa. The Nexus between Urban and Economic growth. IDL Conference Hall. KNUST Kumasi, Ghana. 25th – 26th March, 2015.  |

# 5.0 RECORDS OF SERVICE TO THE COMMUNITY (UNIVERSITY/NATIONAL/INTERNATIONAL) WITH DATES

## a) Service to the University Community

|  |  |
| --- | --- |
| 1.
 | Academic Tutor, 2012 to date  |
| 1. 2
 | Member, Committee for the Planning of the, 47th and 48th College Congregation. March 3rd 2013 – June 2nd 2014.  |
| 1. 13
 | Chairperson, Committee to Review the Development Planning Programme, for the Department of Planning November 16th. 2013.  |
| 1. 4
 | Chairperson, Committee to investigate allegation of misconduct against Isaac Eninful, guard grade I, Security Services. July 23rd 2014.  |
| 1. 5
 | Manageress (Chairman), Senior Member Common Room October 31st 2016 – to date  |
| 1. 6
 | Member, Committee to investigate allegation against Kofi Oduro Mante, 1st year student of the Department of Publishing Studies. June 26th 2014  |
| 1. 8
 | Member, Committee to Select a Logo for the College of Art and Built Environment. December 21st, 2015  |
| 1. 9
 | Member, Committee to establish Modalities for Disbursement of Consultancy proceeds for the College of Art and Built Environment. May 12th, 2016  |
| 1. 11
 | Member, Committee responsible for the conduct of the SPRING Conference and Network Meeting. June 15th, 2015  |
| 1. 12
 | Member, College of Art and Built Environment Welfare Committee. May 24th 2016  |
| 1. 13
 | Member, Committee for Environment and Facilities Management for the College of Art and Built Environment. November 14th 2016 to date  |
| 1. 14
 | Member, Committee for Finance and Revenue Mobilization for the College of Art and Built Environment. January 16th 2017 to date  |
|  | Member, Committee to Investigate Allegation of Misconduct against Mr. Emmanuel Koranteng, Clerk Grade 1, formerly of Human Resource Division. August 29th 2017.  |
| 1. 15
 | Hall Fellow, Queen Elizabeth II Hall. September 27th 2017 to date  |
| 1. 16
 | Chairperson, Welfare Committee for Staff and Students at the Department of Planning. August 20th 2018 to date  |
| 1. 17
 | Member, Assets management committee. Department of Planning August 20th 2018 to date  |
| 1. 18
 | Member, Publicity sub-committee for Queens hall 60th Anniversary. 24th June 2019 |
|  | Member, Committee to review participatory Planning Monitoring and Evaluation (PPME) Short Courses Course for USAID West Africa. September 24th 2018.  |
|  | Coordinator, MSc. Development Policy and Planning at the Department of Planning July 15th , 2019  |
|  | Reviewer, KNUST Research Fund (KReF) March 5th 2021  |
|  | Member, Committee to investigate allegation of misconduct against Mr. Kofi Moses Aligiyala, August 25th 2021  |
|  | Member, Committee to review MSc/MPHIL and PhD Petroleum Engineering Programme. September 10th 2021 |
|  | Chairperson, Health awareness and promotion Committee October 6th, 2021 |

## b) Service to the National Community

|  |  |
| --- | --- |
|  | Board Member, Anidaso Mutual Fund Limited Kumasi Ghana. 2012 to date  |
|  |  Resource Person, Carrier Conference at KNUST Senior High School. October 29th 2012  |
|  | Resource Person, The Internal Province of Ghana. July 9th 2014. St. John’s Group Governance & Human Resource Management Workshop Kumasi, Ghana. 25th September to 2nd October, 2014  |
|  | Member, Performance Audit sub-committee for Anidaso Mutual Fund April 30th 2019 to date.  |

## c) Service to the International Community

|  |  |
| --- | --- |
|  | Reviewer, Journal of Science and Technology December 19th 2013 to date  |
|  | Member, local organizing committee for the International Conference on Infrastructure Development in Africa IDL Conference Hall. Ghana. July 2nd 2014 to March 2nd, 2015  |
|  | Reviewer, Public Health in Practice, April 2021  |

# REFEREES

1. Professor I. Briamah

Department of Planning

College of Art and Built Environment

Kwame Nkrumah University of Science & Technology

Kumasi

1. Professor K.D.Kessey

Department of Planning

College of Art and Built Environment

Kwame Nkrumah University of Science & Technology

 Kumasi

**SIGNATURE …………………. ……………………………….DATE…………………...**