

CURRICULUM VITAE

Personal statement

I am a trained and qualified professional teacher, and a wood and furniture technologist with substantial knowledge in research and teaching of wood science and technology as well as management, economics and costing courses. I also have appreciable knowledge in distance education issues including modules writing and with adequate experience in planning and designing of tertiary education programmes including competency-based training (CBT) curricular. In terms of management experience, I have not only served on a number of committees in my current place of work (Kumasi Technical University -KsTU) including the council of convocation, but I have also been a chairperson to some committees. Currently I am the chairperson of the KsTU Staff Cooperative Credit Union's Loans Committee and Vice Chancellor's Joint Committee of the furniture industry players and KsTU. I have also had the opportunity to serve as Head of Department for four (4) terms of 1 year each. During these periods I successfully prepared and led my department through reaccreditation process twice, and also initiated and facilitated the design of two (2) new academic programmes. I have also been the Vice-Dean of my faculty and I have Ten (10) years tertiary education level teaching and research experience in furniture design and technology, forestry and wood products manufacturing and marketing. As service to the nation, I was part of the team that helped the Ghana Standards Authority to finalise standard GS 198; 2011 for wood and wood products including plywood. I have also undergone some training in ISO standards. I am committed to contributing to wood residue utilization towards sustainable growth and development of industry through research and products development, and the preservation and sustenance of tropical forest ecosystem. I am a researcher whose scholarly research works have not only been published in reputable international journals but they have also been accepted and presented at both local and international conferences organized by high profile and reputable professional bodies and institutions. The recognition of my research experience is evident in my acceptance as a reviewer to some international journals. I also have appreciable tertiary students' project work supervision experience, including masters' level thesis supervision.

PERSONAL DATA

Name:	Dadzie, Peter Kessels (PhD.)
Date of Birth:	16 th August 1971
Place of Birth:	Wassa Nananko
Nationality:	Ghanaian
Marital Status:	Married
Number of Children:	Four (4)
Language Spoken:	English and Akan
Religion/Denomination:	Christian (Catholic).
Contact Address:	Holy Family Catholic Parish, P.O. Box 3041/ KS 14475, Kumasi. Tel.№: 0243351806/0207525263 E-mails: pkkdadzie@yahoo.com Peterdadzie71@gmail.com peter.kdadzie@kpoly.edu.gh

1.0: ACADEMIC QUALIFICATIONS AND EDUCATIONAL BACKGROUND

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| 1.1. PhD (Wood Science and Technology) | University of Education, Winneba, Kumasi Campus (August, 2010 – July, 2014) |
| 1.2. MSc. (Wood Tech. and Industrial Mgt.) | Kwame Nkrumah University of Science and Technology, Kumasi-Ghana (June 2004 – June 2007) |
| 1.3. BEd. (Wood & Construction Tech. Options) | University of Education, Winneba, Kumasi (Sept. 2001 – July 2002) |
| 1.4. Dip. (Technology Education; Construction, Wood and Electricals & Electronics) | University of Education, Winneba, Kumasi (Sept. 1998 – July 2001) |
| 1.5. Teachers' Cert 'A' (PostSec. in Maths and Tech. Skills) | Komenda Training College (Nov. 1992 – June 1995) |
| 1.6. G. C. E. 'A' Level | Private Candidate (Dec. 1994) |
| 1.7. G. C. E. 'O' Level in Science | Asankrangwa Sec. School (Sept. 1986- June 1989), and Tarkwa Sec. School (Sept. 1990-June 1992) |
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2.0 PROFESSIONAL QUALIFICATIONS

I am a qualified teacher with the requisite knowledge of pedagogy in teaching.

I am a qualified wood technologist with a broad applied knowledge of forest products utilisation, woodwork technology, marketing and economics, costing, furniture design, sawmilling, and utilisation of wood and wood residue, finger – Jointing technology and wood anatomy.

I have an appreciable knowledge of workshop organisation.

3.0 EMPLOYMENT HISTORY/WORKING EXPERIENCE

3.1. Present Employment

Senior Lecturer at Kumasi Technical University (Kumasi Polytechnic), Kumasi (Dec. 2014 – Date).

Courses being taught at my Department – Teaching of courses in Wood Science and Technology, Materials Technology, Conversion and Treatment of timber, Applied Science, Costing and Estimating, Packaging and Marketing, and Supervision of students' final project works.

Management Courses being taught outside my Department/Faculty

I also teach the following courses at the Institute of Distance and Continuing Education (IDCE):

1. Principles and Practices of Management,
 2. Change Management.
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3.2. Past Employment

Professional Teacher of Ghana Education Service (1995-2004): St. Louis Trg. Demo. School (Sept. 2002 – Aug. 2004) and Ayeduase R/C J.S.S (Sept. 2001 – July 2002) all in Kumasi, and Ehiawoanwu L/A J.S.S in the East Akim District E/R (Sept. 1995 – July 1998).

Responsibilities- Form master, and Subject master of Mathematics, Pre –Technical Skills, General Science.

4.0 INTERESTED AREAS OF RESEARCH COVERAGE

- Timber Engineering and Mechanics
 - Natural durability and decay resistance of wood
 - Finger – jointing Technology
 - Marketing, Costing, Management and economics relating to the wood products and materials industry
 - Industrial and Human Resource Management
 - Wood and Furniture Industry development Studies
 - Wood anatomy and identification
 - Wood/logging residues utilization and Forest conservation studies.
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5.0 SERVICES RENDERED TO THE UNIVERSITY COMMUNITY AND POSITIONS HELD

After Promotion to Senior Lecturer

5.1 March, 2017 **Moderator of Examinations questions** for Change Management course.

5.2 October, 2017 **Interim Head/Chairman of Board-** Centre for Research and Development for Technology Incubation (CRDTI).

5.3 November, 2017 to date **Member-** Faculty Board of Faculty of Built and Natural Environment

5.4 Sept., 2017 to Date **Chairman** – Loans Committee of Kumasi Technical University Credit Union

5.5 August, 2017 **Chairman-** Ad hoc Committee to Investigate and address Deficiencies in the University's SAGE software used at the Cash Office.

5.6 April, to Sept. 2017 **Chairman/Coordinator & Convenor**– Inter-Tech. University Syllabus Review Committee for the **three (3)** Tech. Universities that run Interior Design and Furniture Production programme.

5.7 Sept. 2016 to Aug. 2017 **Vice Dean-** Faculty of Built and Natural Environment.

5.8 August, 2016 **Chairman-** Vice Chancellor's Joint Committee of Furniture Industry Associations and Kumasi Technical University.

- 5.9 August, 2016 **Member-** Committee to implement recommendations of an adhoc committee for the conversion of Ashanti and Liberty Halls into classrooms and offices.
- 5.10 May 2016- Date **Member-** Faculty Appointments and Promotions Review Committee-FBNE
- 5.11 Sept. 2016- Sept. 2017 **Head of Department-** Interior Design and Materials Technology
- 5.12 Sept. 2015- Sept. 2017 **Member/Technical Person-** Technical Evaluation Committee -Procurements
- 5.13 Sept. 2015- Aug. 2016 **Head of Department-** Interior Architecture and Furniture Production

Since my appointment as Head of Department from Sept. 2015 to Sept. 2017, I:

1. Led the preparation and implementation of a sensitization programme for all Secondary Technical Schools in Ashanti Region which was aimed at creating awareness of the programme being offered in the Department. This was towards ensuring improvement in enrolment levels in the Department.
 2. Led the Department to prepare and successfully go through the first phase of preparation towards the implementation of a revised syllabus that has been converted to CBT since 2013 (i.e. accessing the document and ensuring inspection of facilities in the Department by NABPTEX towards the programme's implementation).
 3. Prepared and led the Department through a successful reaccreditation of the revised programme.
 4. Initiated and led the preparation and production of a *project guidelines booklet* for writing and presentation of *HND project work* for the Department.
 5. Facilitated the change of Department's name from "**Interior Architecture and Furniture Production**" to the current "**Interior Design and Materials Technology**".
 6. Initiated the development of **one (1) Diploma** programme in Interior Design and Technology.
 7. Initiated the introduction of the **weekend** version of HND- Interior Design and Technology
- 5.13. May 2016- Sept, 2017 - **Main Developer/Chairman** for a **4-Year BTech.** programme in **Interior Design and Materials Technology** with two options (i.e. *Interior Design and Technology, and Materials Technology and Management*). These went for accreditation but due to transition issues in the national governance system, all programmes submitted by our Faculty and others were brought back to be transformed into NCTE format. I did this to about 80% complet before I handed over in October, 2017.
- 5.14. January, 2016 **Faculty Representative -** Adhoc Committee for Production of Admission Brochures for the 2016/2017 Academic Year.
- 5.15. March, 2015 Aug.2017 **Faculty Representative** – Kumasi Polytechnic SGSRI Faculty Board
- 5.16. March, 2015 -Aug.2017 **Member-** Faculty Academic Committee -FBNE
- 5.17. Dec. 2014 – date **Senior Lecturer** – Kumasi Polytechnic **

Before Promotion to Senior Lecturer

- 5.18. Nov. 2007 – Dec. 2014 **Lecturer** – Kumasi Polytechnic
- 5.19. Oct. 2013- August 2015 **Faculty Representative to Academic Board** –Kumasi Polytechnic
- 5.20. April 2013 – August, 2017 **Chairman** – Loans Committee of K-Poly Credit Union
- 5.21. May 2013 **Chairman** – Rector's Adhoc Committee of Enquiry on some

Security Personnel to be dismissed.

- 5.22. May 2012 – 2014 **Faculty representative on Budget Committee** – K-Polytechnic
- 5.23. Mar. 2012 – Dec. 2013 **Convocation Council Representative** – Security Services Committee, K-Poly.
- 5.24. Oct. 2011 – Aug. 2012 **Head of Department** - Interior Architecture and Furniture Production
- 5.25 Oct. 2012 – Aug. 2013 **Head of Department** - Interior Architecture and Furniture Production

Within these periods as H. O. D, I prepared and successfully saw the department through reaccreditation of the existing programme, and among other things, I also led the initiation and development of:

- i. **One new HND programme (*Forestry and Management*)** which was approved by academic board and finally sent to NAB and it is now awaiting accreditation.
 - ii. **One new BTech. Programme (*Interior Architecture and Furniture Technology*)** which got to the Quality Assurance Unit for assessment before I handed over.
 - iii. **A proposal** towards the development of an **Education/Teaching-based collaboration Technical programme** with UCC. It was accepted and agreed by the ***Vocational and Technical Education Faculty of UCC***. The various courses, courses' descriptions and outlines were developed. It got to drafting of MOU stage when I handed over.
 - iv. **A flyer and a proposal** aimed at marketing both the ***academic and production sections*** of the Department. These were completed but some few amendments were needed on the entry requirements in the flyer which were left to be done and I handed over to a new Head of Department.
- 5.26. June 2011 – Dec. 2013 **Convocation Council Member** - Kumasi Polytechnic
- 5.27. Aug. 2011 – Aug. 2013 **Chairman** – Bachelor of Technology Syllabus Development Committee (Furniture Design and Production Department)
- 5.28. 2011 **Member** – Common Laboratory Planning Committee (School of Engineering, Kumasi Polytechnic)
- 5.29. 2009 – 2011 **Departmental Examinations Officer** (Kumasi Polytechnic)
- 5.30. 2007 – 2011 **Officer in Charge** - Students' Industrial visits (Int. Arch. & Furniture Prod. Dept. – Kumasi Polytechnic)

During this period, I took the students to various wood and furniture products' manufacturing companies including Scantyles Mim Ltd. (the only manufacturer of garden furniture in Ghana for exports), Logs and Lumber Products Ltd. (LLL) and Ayum Forest Products (major plywood and lumber products manufacturers in Ghana), WoodChem (a wood finishing products' manufacturer in Ghana), Dupaul Wood Treatment - Offinso, Dupaul Furniture Production – Takoradi, BMK (a particleboard production firm in Takoradi) among others.

- 5.31. 2010 **Member** – Provident Fund Constitution Drafting Committee (Kumasi Polytechnic Staff Association)
- 5.32. Oct. 2008 **Main organizer and Participant** Awareness Creation on Furniture Design programme in Ashanti Regional Sec/Tech. Schools.
- 5.33. 2004 – date **Catechist** -Holy Family Catholic Church, Ash-Town, and Kumasi.

- 5.34. 2003 – 2004 **Resource Person** – Seminar on Exams Questions Answering for JSS Pre-Technical skills Teachers
- 5.35. 2003 – 2004 **Form Master** – St. Louis Demonstration JSS-Kumasi.
- 5.36. 1996 – 2004 **Catechist** – St. Joseph’s Cath. Church-Akoase, Nkawkaw
- 5.37. 1999 – 2002 **Catechist and Vice President** -Kumasi Campus Catholic Community.
- 5.38. 2000 **National Vice President** -Pax-Romana International-Ghana.
- 5.39. 1996 – 1997 **Sports Master**- Ehiawoanwu L/A JHS,-Nkawkaw
- 5.40. 1993 – 1995 **Assist. Catechist and Organising Sec.** -Komenda Trg. College Catholic Community.

6.0. SERVICES BEING RENDERED OUTSIDE THE UNIVERSITY

- 6.1. November, 2016 **Selected National Expert**- For Training on Trade Capacity Building for Ghana (**Wood Products**) organised by UNIDO & Ministry of Trade and Industry (MOTI), Alisa Hotel, Accra.
- 6.2. April, 2017 to Date **Chairman**- P. T. A of Martyrs of Uganda Jubilee School, Santasi, Kumasi
- 6.3. Nov., 2016 to Date **Chairman**- Kumasi Deanery Catholic Catechists Association.
- 6.4. Sept. 2003 to Date **Catechist** – Holy Family Catholic Parish, Ashanti-Newtown, Kumasi, Catholic Archdiocese of Kumasi.

7.0.SERVICE TO INTERNATIONAL COMMUNITY

- 7.1 Jan. 2017-date **Reviewer** – Wood and Fibre Science (WFS) Journal
- 7.2 2015 – date **Reviewer** - Journal of Economics and International Business Management (JEIBM) (Scienceweb publishing)
- 7.3 2015- date **Reviewer**- International Journal of Educational Policy Research and Review (IJEPRR)
- 7.4 2016- date **Reviewer** - International Journal of Business and Economics Research (IJBER) (SceincePG)
- 7.5 2016-date **Reviewer** – Journal of Business and Economic Development (JBED) (SciencePG)
- 7.6 2016- date **Reviewer**-International Conference on Materials Science and Engineering (CMS+E)

8.0.IMPORTANT TRAINING WORKSHOPS ATTENDED

- 8.1.**Workshop on Test Item Writing**, Organized by the Quality Assurance Directorate of the Kumasi Technical University, University’s Council Chamber, 12th Sept., 2017.

- 8.2. **Small-Scale Mining Formalization: Changing the Paradigm of Galamsey in Ghana**, organized by Good Governance Africa-West Africa Centre (GGA-West Africa), Golden Tulip Hotel, Kumasi, Ghana, 11th July, 2017.
- 8.3. **Forest Stewardship Council (FSC) Chain of Custody Workshop**, organized by the United Nations Industrial Development Organization (UNIDO) and Ministry of Trade and Industry (MOTI) of Ghana, Golden Bean Hotel, Kumasi, Ghana, from 23rd to 24th March, 2017.
- 8.4. **Trade Capacity Building Programme for Ghana- National Experts for the Wood Industry Workshop on ISO 9001:2015**, organized by the United Nations Industrial Development Organization (UNIDO) and Ministry of Trade and Industry (MOTI) of Ghana, Alisa Hotel, Accra, Ghana, from 23rd to 25th November, 2016.
- 8.5. **Workshop on Technology Transfer, Licensing, Commercialization of Technology and Innovation (R&D)**, organized by Kumasi Polytechnic and delivered by Patterns IP Consultancy, Kumasi, Ghana, from 22nd – 25th August, 2014.
- 8.6. **Competency Based Training (CBT) Syllabus Preparation Workshop**, organized by National Board for Professional and Technician Examinations (NABPTEX), at Shai Hills, in August 2013.
- 8.7. **Workshop on Final Draft of Ghana Standards on Wood and Wood Products- Specification and Grading of Wood Products** Organised by Ghana Standards Authority in Sept.2012.
- 8.8. **Training Workshop on Enterprise Risk Management** Organised by Kumasi Polytechnic Sept. 2012.
- 8.9. **Promotional Workshop on Ghana Standard Gs 198; 2011-Wood and Wood Products-Specifications for Plywood for General Use.** Organised by Ghana Standards Authority in July 2012.
- 8.10. **Training Workshop on Mass Production Techniques** Organised by Forestry Commission and TIDD of Ghana Nov/Dec 2011.
- 8.11. **Workshop on Academic Writing and Presentation** Organised by Kumasi Polytechnic in March. 2011.
- 8.12. **Workshop on Distance Education Material (Module) Writing** Organised by Kumasi Polytechnic in Feb. 2011.
- 8.13. **Workshop on Designing, Const. and Finishing of Bamboo Furniture** Organised by Forestry Commission of Ghana Aug. 2009.
- 8.14. **Course on Correct Techniques in Furniture Construction** Organised by Forestry Commission of Ghana in May 2008.
- 8.15. **Training of Lay Extraordinary Ministers of the Holy Eucharist** Organised by Kumasi Catholic Archdiocese in July 2005.

9.0. SCHOLARSHIPS OR AWARDS

- 9.1 **In 1987**, I was awarded Cocoa Marketing Board Scholarship for brilliant cocoa farmers' wards.
- 9.2 **In 1999**, I was awarded Government of Ghana's bursary for best three (3) students at University of Education of Winneba, Kumasi Campus.

10.0. INDUSTRIAL EXPERIENCE

- 10.1 **In 2001**, I worked at the wood products design and production department of Wood Industries Training Centre (WITC) in Kumasi for **6 weeks** as a trainee on attachment.
- 10.2 **In 2002**, I worked as a trainee in building design draughtsmanship on attachment for **3 months** with the Architectural and Engineering Services Ltd (AESL), in Kumasi.

- 10.3 **In 2004**, I worked at the moulding section of Lumber and Logs Ltd (LLL) as a trainee on attachment in wood moulding/machining works **for 3 months**.
- 10.4 **In 2005**, I worked at Scanstyle Mim Ltd. (a furniture producing company) as a trainee in industrial furniture designing, costing and production processes for **3 months**.
- 10.5 **In 2005**, I worked with the Sales and Marketing, and Inspectorate sections of the Timber Industry Development Division (TIDD) as a trainee in wood products export marketing processes for **3 months**.

11.0: WRITTEN SCIENTIFIC PAPERS ARISING OUT OF RESEARCH

Papers published in peer-review journals

- 11.1 Amoah M., Mensah E., **Dadzie P.K.** & Asomani J. (2018). Successes and challenges in industrial clusters: Some empirical evidence from Wood Industrial Cluster in Kumasi, Ghana. *Journal of Investment and Management*. 7(1): 1-12.
- 11.2 **Dadzie P. K.**, Amoah, M., Ebanyenle, E. & Fimpong-Mensah, K. (2016). Characterization of Density and Selected anatomical features of stemwood and branchwood of *E. cylindricum*, *E. angolense* and *K. ivorensis* from natural forests in Ghana. *Eur. J. Wood Prod.* DOI 10.1007/s00107-017-1195-6
- 11.3 **Dadzie P. K.**, Amoah, M., Fimpong-Mensah, K., & Inkum, P. B. (2016). Variation in bending strength properties in stem and branch woods as influenced by density and moisture levels in *Entandrophragma cylindricum*, *Australian Forestry*, 79 (4): 233-240.
- 11.4 **Dadzie P. K.** & Frimpong-Mensah K., (2016). Conversion efficiency and profitability of further processing lumber to garden furniture in Ghana for exports, a case study of an export company, *Takoradi Polytechnic Journal*, 4 (3): 54-67.
- 11.5 **Dadzie P. K.**, Amoah M, Frimpong-Mensah K, & Oheneba-Kwartan F (2016). Some physical, mechanical and anatomical characteristics of stemwood and branchwood of two hardwood species used for construction and furniture structures, *Materials and Structures*, 49: 4947-4958, DOI 10.1617/s11527-016-0835-3.
- 11.6 **Dadzie P. K.**, Amoah M, Frimpong-Mensah K, & Sheldon Q. S (2016). Comparison of density and selected microscopic characteristics of stem and branch wood of two commercial trees in Ghana, *Wood Science and Technology*, 50:91-104.
- 11.7 **Dadzie P. K.**, Agyapong, A. K. & Inkum P. B (2015). Some Market Trends of Wood Products Exports in Ghana and Their Implications for Stakeholders: The Case of Furniture and Kiln-Dried Lumber. *International Journal of Business and Economics Research*. 4(6): 307-314.
- 11.8 **Dadzie P. K.** & Amoah M (2015). Density, some anatomical properties and natural durability of stem and branch wood of two tropical hardwood species for ground applications, *European Journal of Wood and Wood Products*, 73: 759-773.
- 11.9 Boampong E, Effah B, **Dadzie P K.** & Asibey O (2015). Ergonomic Functionality of Classroom Furniture in Senior High Schools in Ghana, *International Journal of Advanced Science & Technology*, 2 (1): 6-11
- 11.10 **Dadzie P. K.**, Amoah M, Boampong E, & Frimpong-Mensah K (2015). Effect of density and moisture Content on biological durability of stem and branch wood of *Entandrophragma cylindricum* (sapele), *Journal of Indian Academy of Wood Science*, 12 (1) 44-53.

- 11.11 Amoah M, **Dadzie P. K**, Bih F.K. & Wiafe E. D (2015). Consumer Preference and Purchase Intentions for Rattan Furniture, *Wood and Fibre Science*, 47 (3) 1-15.
- 11.12 **Dadzie P. K**, Frimpong-Mensah K, Amoah M, & Boampong E (2015) Scenario Analysis of Profits in Further Processing Lumber to Furniture in Ghana for Export: A Case Study of a Local Firm, *International Journal of Business and Economic Research*, 4(2): 55-66.
- 11.13 **Dadzie P. K.**, Amoah, M. & Tekpetey S. L (2014). Preliminary Assessment of Wealth Creation in Wood Products' Business in Ghana: The Perspective of Lumber and Furniture Production and Implications for Entrepreneurship, *International Journal of Business and Economic Research*, 3(6): 243-249.
- 11.14** **Dadzie , P. K .**,& Amoah, M (2014) Timber Merchantable Residue Quantities and Harvesting Efficiency in Tropical Forests of Ghana; Drivers of Wood Residue Utilization for Forest Conservation, *Global Journal of Science Frontier Research H, Environment and Earth Science*, 14 (5/10): 33-46.
- 11.15** Amoah M., Kwarteng O. F, & **Dadzie P. K.** (2014). Bending Properties and Joint Efficiency of Some Tropical Hardwoods Finger-Jointed In Green and Dry States, *Journal of the Indian Academy of Wood Science*, 11(1): 57-64.
- 11.16** Amoah, M. & **Dadzie, P. K** (2013). Preference for Wood and Plastic-Based Ceiling Panels by Homeowners in Ghana: Implications for Tropical Forest Conservation and Prospects for the Local Wood Industry, *Journal of Environmental Science and Engineering*; 2 (10):.637-650.
- 11.17** **Dadzie, P. K.** (2013). The Potential Contribution of Branchwood Quantity, Left after Logging Operations, Towards Reducing Depletion Rate and Preserving Ghana's Forest Ecosystem, *America Journal of Agriculture and Forestry*, 1 (2):32-39.

NOTE: ** Implies those presented for promotion to *Senior Lecturer*.

Accepted papers but yet to be published in peer-review journals.

- 11.18 Amoah M., Cremer, T., **Dadzie P. K.**, Ohene, M., Marfo, O., Asomani, J. (**in review**). Rural household energy use patterns and barriers to uptake of cleaner fuels: a case of households in four ecological zones of Ghana. *Energy Policy*.
- 11.19 Amoah M., Cremer, T., **Dadzie P. K.** (**in review**) Characterization of some fuelwood species in the Guinea savanna ecological zone of Ghana, *Journal of Forestry Research*

Papers under review in peer-review journals

- 11.20 **Dadzie P. K.**, & Amoah, M., Inkum P. B., Osei A., Boampong E. (**in review**). Utilizing branchwood to supplement stemwood: Investigating the decay resistance, density and anatomical tissue proportions in two Ghanaian timbers. *Australian Forestry*
- 11.21 Amoah M., Awotwe-Mensah M. & **Dadzie P. K.** (**in review**). Mix ratio and binder type effects on some physical and mechanical properties of composite boards produced from coconut fibre and wood sawdust.

Papers under preparation for publication

- 11.22 Amoah M., **Dadzie P.K.** & Ang-Nangmene, S. D; Some perceptions of plastic based panels as ceiling design materials in the three Northern Regions of Ghana.
- 11.23 Amoah M., **Dadzie P.K.** & Asamoah, S. K; Preference and drivers of choices of wood and plastic – based panels as ceiling covering materials: the perspective building professionals and implications on the environment.

- 11.24 Dadzie P. K., & Amoah, M., Inkum P. B.; Boampong E.** Mitigating deforestation and climate change: The case of branchwood utilization and the implications for forestry policies development and implementation.
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12.0. PAPERS/RESEARCH WORKS PRESENTED AT CONFERENCES

- 12.1 **Dadzie P. K & Amoah M.** (2015) Predicting Bending Properties of Stem and Branch Wood of a Tropical Hardwood Species from Density and Moisture Content.
- 12.2 **Dadzie P. K. (2015)** Furniture and Lumber Exports from Ghana: A Comparative Study of Some Market Trends (Poster with 5 minutes oral presentation).
Presented at the 58th International Convention of the Society of Wood Science and Technology (SWST), Jackson Lake Lodge, Grand Teton National Park, Jackson, Wyoming, U.S.A 7th -12th June, 2015.
- *12.3 **Dadzie P. K. & Amoah M.** (2013) Natural Durability Quality Investigations; A Necessity towards Entrepreneurs Acceptance of Branchwoods as New Materials for Garden Furniture Production.
Presented at the 6th Annual International Applied Research Conference at Koforidua Polytechnic, Koforidua, Ghana. 2nd – 5th July 2013.
- *12.4 **Dadzie P. K. (2013) Quantifying** branchwood stock in Ghana's Forests: A necessity to attract investment and save the environment.
Presented at the 67th International Convention of the Forest Products Society (FPS) and the Society of Wood Science and Technology (SWST), Austin TX. U.S.A. (http://www.forestprod.org/ic/assets/resources/IC_67_program.pdf) 9th - 11th June, 2013.
- *12.5 **Dadzie P. K (2013)** Anatomical characteristics and natural durability qualities of some Ghanaian hardwood branches and their stem woods.
Presented at the International Conference of the College of Engineering, University of North Texas (UNT), Denton TX. U.S.A. 13th June 2013.
- *12.6 **Dadzie P. K. (2011)** A preliminary guide for entrepreneurship studies in the wood products industry; a necessary step towards enhancing value addition for wealth creation and development.
Presented at the 1st International Conference of Entrepreneurship Educators, Researchers and Entrepreneurs in Africa (CEREA 2011), Kumasi, Ashanti Region, Ghana. 28th – 30th Nov. 2011.
- *12.7 **Dadzie P. K (2012)** Assessing the Impact of Volume Produced and Differential Costs on Profits in Garden Furniture Production using Scenario and Sensitivity Analyses; A Case Study of a Ghanaian Local Company.
Presented at the 66th International Convention of the Forest Products Society, The Omni Shoreham Hotel, Washington, DC. USA, 3rd – 5th June, 2012.
- *12.8 **Dadzie P. K. & Frimpong-Mensah K.** (2011) Value Addition to Wood Resources, the Case of Garden Furniture Production and Export in Ghana. Study of a Local Firm.
Presented at the 65th International Convention of the Forest Products Society, Portland, Oregon. U.S.A. 19th -21st June 2011.

NOTE: * (i.e. 11.3 to 11.8) Implies those presented already for promotion to *Senior Lecturer*.

13.0 THESES WRITTEN.

- 13.1 Logging Residues Quantities, and some Properties of Solid and Finger-Jointed Lumber of Stem (Off-Cuts) and Branch Wood of some Ghanaian Tropical Hardwoods. (A Thesis submitted to the Department of Wood and Construction Technology Education, University of Education, Winneba, Kumasi Campus in partial fulfilment of the requirement for the degree of **Doctor of Philosophy (PhD.) in Wood Science and Technology** .
- 13.2 Economics of Further Processing Kiln-Dried Lumber to Garden Furniture as Component of Wood Products Export - A Case Study of Scanstyle Mim Ltd. (A Thesis submitted to the Department of Wood Science and Technology, Kwame Nkrumah University of Science and Technology in partial fulfilment of the requirement for the degree of **Master of Science (MSc.) in Wood Technology and Industrial Management**.
- 13.3 Promoting Briquettes as Alternative Energy Source through Education – (A Thesis submitted to the Department of Technology Education, University of Education of Winneba-Kumasi Campus in partial fulfilment of the requirement for the award of a degree of **Bachelor of Education (BEd.) in Technology Education** .

14.0 LEARNED/PROFESSIONAL BODY MEMBERSHIP

- 14.1 Society of Wood Science and Technology (SWST), U.S.A. March 2012
- 14.2 Forest Products Society (FPS) of U.S. A I. D No. 43630 June 2011

15.0 SOME CURRENT HND STUDENTS' PROJECT WORKS SUPERVISED

- 15.1 **Lutuga J (HND 2017)**. Designing and construction of a stationery unit.
- 15.2 **Boison, M. (HND 2017)**. Designing and construction of a height adjustable unit for holding documents when addressing audience
- 15.3 **Adebangi E. (HND 2016)**. Designing and construction of a multipurpose sleeping unit
- 15.4 **Nuokpem E. (HND 2016)**. Designing and construction of a knockdown storage unit
- 15.5 **Omotola A. D. (HND 2016)**. Designing and construction of a multi-purpose seating unit.
- 15.6 **Amponsah J. K (HND 2015)**. Designing and making of an occasional furniture unit.
- 15.7 **Owusu A. S. (HND 2015)**. Designing and construction of a multi-purpose storage unit.
- 15.8 **Awatey, E. Y. (HND 2015)**. Designing and construction of a study unit.

16.0 SOME MASTERS' THESIS SUPERVISED AS OFFLOADS FROM MY PhD. SUPERVISOR

During my PhD. studies at the University of Education, Winneba- Kumasi campus and now, my supervisor has given me the following Masters' thesis to supervise on his behalf:

- 16.1 **Mensah, A. (2016)**. Knowledge, perceptions and attitudes of Ghanaians towards bamboo and rattan (cane) furniture A dissertation in the Department of Construction and Wood Technology Education, faculty of technical education, submitted to the school of graduate studies, University of Education, Winneba in partial fulfilment of the requirements for the award of Master of Philosophy (wood technology) degree.

- 16.2 **Owusu, S. (2016). Using rattan as an alternative material to wood in furniture production.** *A dissertation in the department of design and technology, faculty of technical education, submitted to the school of graduate studies, university of education, Winneba in partial fulfilment of the requirement for award of master of technology (Wood Technology).*
- 16.3 **Oheneba-Kwarteng, F. (2015). Finger Jointing of some tropical hardwood species in green and dry states for structural and non-structural applications,** *A dissertation in the Department of Construction and Wood Technology Education, faculty of technical education, submitted to the school of graduate studies, University of Education, Winneba in partial fulfilment of the requirements for the award of Master of Philosophy (wood technology) degree*
- 16.4 **Asamoah, S. K. (Rev.) (2014). Perception of building professionals and estate developers towards the use of plastic and wood –based panels (T & G) as building ceiling material.** *Case study of Kumasi metropolis. A dissertation in the Department of Construction and Wood Technology Education, faculty of technical education, submitted to the school of graduate studies, University of Education, Winneba in partial fulfilment of the requirements for the award of Master of Philosophy (wood technology) degree.*
- 16.5 **Acheampong, M. (2014). Assessing bamboo as an alternative material in contemporary furniture design and production.** *A dissertation in the department of design and technology, faculty of technical education, submitted to the school of graduate studies, university of education, Winneba in partial fulfilment of the requirement for award of master of technology (Wood Technology).*

17.0 SKILLS, HOBBIES AND INTEREST.

Computing Skills (Word Processing, Typing, Power Point, SPSS and Excel), Reading, Teaching, Calculating, Researching on –Economic, Financial, Social, developmental and alternative materials issues, Students’ Christian association activities, Students’ industrial liaison activities, Internet Browsing and Listening to news.

18.0 PERSONAL TRAITS.

Ability to meet deadlines and objectives, Tolerant, Honesty, Time consciousness, Ability to work for long hours and with little supervision.

19.0 REFEREES:

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Mr. Anthony Amamoo Eshun (Area Manager), Timber Industry Development Division-TIDD, Ashanti Region, Kumasi. Tel.№: 0208142192.

Mr. Francis Donkor (Snr. Lecturer & Dean- Faculty of Vocational Educ.) University of Education, Winneba, P. O. Box 1277, Kumasi-Campus. Tel. №: 0208223336

Dr. Dadzie, Peter Kessels

Sign.....

Date.....