


# PROFESSOR DE-GRAFT OWUSU-MANU

	<b>Office Address:</b>	Department of Construction Technology and Management Faculty of Built Environment College of Art and Built Environment Kwame Nkrumah University of Science and Technology
	<b>Status:</b>	Associate Professor
	<b>Qualifications:</b>	PhD, BSc., CMC, ChPA, MIoD, FIMC, FALPS, FRRAG, FAGE, MGIOC, MIET
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## Qualifications (Degree/Education):

1. Doctor in Philosophy (Building Technology)
2. BSc Building Technology (First Class Honours)
3. Post Graduate Diploma in PhD Supervision and Training
4. Post Graduate Diploma in Development Research Uptake Management

## Institutions of Study:

1. Kwame Nkrumah University of Science & Technology, Ghana (PhD)
2. Kwame Nkrumah University of Science & Technology, Kumasi-Ghana (BSc)
3. Loughborough University of Technology, United Kingdom (PhD Scholar)
4. University of Stellenbosch, South Africa (DRUSSA Beneficiary)
5. Pope John Secondary School and Junior Seminary, Koforidua

## Area of Specialty:

1. Innovations, Entrepreneurship, Technology Management, and Technology Transfer
2. Construction Financing, Industrial Financing, Innovative Financing, Investments and Economic Development
3. Infrastructure Planning, Infrastructure Development, Smart Cities Development, Green Buildings, Energy and Sustainable Management
4. Construction Business Management, Commercial Management, Management Consulting and Enterprise Risk Management
5. Construction Management, Project Management, Procurement Management, Logistics and Supply Chain Management
6. Public Expenditure Management, Foreign Direct Investments, Development Economics and Development Finance
7. Curriculum Development, Construction Education and Training, Training Innovations, Life Long Learning, Capacity Building, Distance Education

### Current Research Interest:

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|---|
| 1. Innovations, Entrepreneurship, Technology Management, and Technology Transfer  |
| 2. Construction Financing, Industrial Financing, Innovative Financing, Investments and Economic Development                                     |
| 3. Infrastructure Planning, Infrastructure Development, Smart Cities Development, Green Buildings, Energy and Sustainable Management, Housing   |
| 4. Curriculum Development, Construction Education and Training, Training Innovations, Life Long Learning, Capacity Building, Distance Education |

### Current Employer:

Department of Construction Technology and Management, Kwame Nkrumah University of Science and Technology, Kumasi
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### Employment Records & Position Held/Hold:

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| 1. <b>President</b> , Green Communities International: Non-profit organization that seeks to respond to climate change and sustainable development issues in Ghana and within the West Africa Sub-region through building environment adaptive changes, community greening, climate change, environmental sustainability, biodiversity, etc), <b>2010 to date</b> |
| 2. <b>President</b> , Training Innovations & Technology Transfer Institute Ltd, Services include, project management training, Capacity building, Management consultancy, corporate Governance, outsourcing, etc, <b>2010 to date</b>   |

### Professional/Teaching Experience:

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| 1. <b>Associate Professor</b> , Department of Construction Technology and Management, Kwame Nkrumah University of Science and Technology, Kumasi – Ghana, August 2013 – Present:                                    |
| 2. <b>Adjunct Lecturer</b> , Chartered Institute of Administrators and Management Consultants-Ghana, facilitates courses in Strategic Management, Consulting Practice and Strategic Management, Jan. 2010- Present: |
| 3. <b>Adjunct Lecturer</b> , Property and Planning Institute of Technology (PPIT) Ghana, Accra, May 2014 – Present:   |
| 4. <b>Adjunct Lecturer</b> , Training Innovations and Technology Transfer Institute, Kumasi, May 2014 – Present:  |
| 5. <b>Lecturer</b> , Department of Building Technology, Kwame Nkrumah University of Science and Technology, Kumasi – Ghana, June 2009 – Present:  |
| 6. <b>Demonstrator</b> , Department of Building Technology, KNUST, Kumasi, Nov. 2004 – Sept. 2006:  |
| 7. <b>National Service Person/Teaching Assistant</b> , Department of Building Technology, KNUST, Kumasi, Sept. 2003 – Nov. 2004:  |

## Subjects Taught with Dates

Course Code	Course Title/Name	Date
<b>a) Undergraduate Courses Taught</b>		
BT 256:	Marketing and Project Accounting	2012 – Present
QSCE 355	Materials & Plant Management	2011– Present
CTM 457	Entrepreneurship Management	2011– Present
CTM 455	Materials Management	2015 – Present
BT 456	Project Work	2015 – Present
BT 366	Building Maintenance Management	2009 – 2011
BT 258	Plant Management & Principles of Accounting	2009 – 2011
BT 365	Cost Planning and Control	2009- 2011
BT 458	Integrated Project	2009 – 2011
BT355	Post Contract Planning and Control	2009 – 2011
BT 363	Project Cost Management	2009 – 2011
BT 362	Ventilation and Mechanical Services in Buildings	2009 – 2012
QSCE 257	Introduction to Construction Economics	2009 – 2012
BT 363	Electricity and Lighting Installation in Buildings	2009 – 2012
BT 359	Construction Procurement and Commerce	2009 – 2015
QSCE 254	Building Services and Equipment 2	2010 – 2014
QSCE 256	HRM & Industrial Relations	2011– 2014
BT 256	Marketing and Project Accounting	2010 – 2014
CTM 453	Human Resource Management	2011– 2014
CTM 451	Plant Management	2010– 2016
<b>b) Postgraduate Courses Taught</b>		
PPM 552:	Project Cost and Financial Management	2017 – Present
MCM 551	Managerial Economics	2017 – Present
MIFI 514	Entrepreneurial Finance and Management	2017– Present
MIFI 609:	Real Estate Finance and Investments	2012 – Present
MIFI 611	Construction and Infrastructure Finance	2012 – Present
MIFI 559	Introduction to Industrial Finance	2012 – Present
FPM 560	Project Finance and Infrastructure Investments	2018– Present
BCERM 555	Entrepreneurship and Innovations Management	2012 – Present
BCERM 565	Research Methods	2012 – Present
MELS 562	Economics of Education	2012 – Present
MELS 553	Theory of Innovation in Education	2012 – Present
MBC 661:	Consulting Process and Workshop Facilitation	2012 – 2016
MBC 551	Consulting Theory and Practice	2012 – 2015
BCERM 551	Principles of Management Consulting Practice	2014 – 2016
ARCH 559	Professional Practice (Project Management)	2010 – 2011
MPM 555	Economics of Procurement	2012– 2015
MPM 560	Logistics, SCM and Marketing	2013– 2015

## Honours & Awards:

Grants and Fellowships	Year
1. Study Abroad Grant. Teaching and Learning Innovation Fund (TALIF)	Mar., 2005
2. KNUST Staff Development Scholarship Award Winner 2004-2008	Aug., 2004
Honours and Awards	Year
3. <b>Highly Commended Paper Award</b> , Emerald LiteratiNetwork- <i>Journal of Engineering, Design and Technology</i> - <u>Financial Distress Related Causes of Highways Project Delays</u>	July., 2018
4. <b>Outstanding Reviewer Award</b> , Emerald LiteratiNetwork- <i>Journal of Financial Management of Property and Construction</i>	July., 2018
5. <b>Highly Commended Paper Award</b> , Emerald LiteratiNetwork- <i>Built Environment Project and Asset Management Journal</i> - <u>Analysis of US Commercial Building Energy Efficiency Programs</u>	June., 2016
6. <b>Honorary Award for Outstanding Contribution</b> to the Construction Industry Development Agenda conferred by the Association of Building and Civil Engineering Contractors Association of Ghana (ABCECG) during the 1 <sup>st</sup> ABCECG National Excellence Award	Dec., 2011
7. <b>Most Promising Researcher Award</b> , Kwame Nkrumah University of Science and Technology	Jul., 2011
8. <b>Silver Medalist for International Research Collaborations</b> conferred by Off-Highway Plant and Equipment Research Centre	Nov., 2010
9. <b>Best Graduate Award (Abbam's Award)</b> conferred by Ghana Institution of Surveyors for emerging the best graduate of the 2003 Class of Building Technology, KNUST	Mar., 2004
10. Student on the Dean's List; Faculty of Environmental and Development Studies Kwame Nkrumah University of Science and Technology Kumasi, Ghana	Aug., 2000 – Sept.2003

## Achievements:

<p><b>(A) Academic Programmes (Curriculum) Developed</b></p> <p>1. <b>Team Leader/Member:</b> Consultants/Committee to develop various Professional Doctorate and Doctor of Philosophy (PDr/PhD) programmes for KNUST and in particular the Institute of Distance Learning. Key programmes include:</p> <ul style="list-style-type: none"> <li>• PhD/PDr in Business and Professional Practice;</li> <li>• PhD/PDr in Diplomacy and Bilateral Transactions;</li> <li>• PhD/PDr in Educational Innovations and Leadership Science;</li> <li>• PhD/PDr in Entrepreneurship and Innovations;</li> <li>• PhD/PDr in Finance and Accounting Studies;</li> <li>• PhD/PDr in Management Consulting and Strategy; and</li> <li>• PhD/PDr in Social Work, Psychology and Counselling.</li> </ul>
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## 2. **Team Leader/Member:**

Consultants/Committee to develop various Mphil/MSc/BSc programmes for KNUST and in particular the Institute of Distance Learning. Key programmes include:

### *Currently Running (Running at the IDL since 2012)*

- MPhil/MSc in Business Consulting & Enterprise Risk Management;
- MPhil/MSc Industrial Finance and Investment;
- MPhil/MSc Educational Innovations and Leadership Science;
- MPhil/MSc Procurement Management; and
- MSc Project Management
- MPhil/MSc in Insurance and Business Continuity;
- MPhil/MSc in Energy and Sustainable Management;
- MPhil/MSc in Funds and Portfolio Management;
- MPhil/MSc in Security and Justice Administration;
- MPhil/MSc in Technology Management and Entrepreneurship

## 3. **Training Manuals Development**

Actively involved in the development of various course materials. Key courses are:

- BCERM 551: Principles of Management Consulting Practice
- BCERM 555: Entrepreneurship and Innovations Management
- BCERM 565: Research Methods
- MBC 661: Consulting Process and Workshop Facilitation
- MELS 562: Economics of Education
- MELS 553: Theory of Innovation in Education
- MIFI 609: Real Estate Finance and Investments
- MIFI 611: Construction and Infrastructure Finance
- MIFI 559: Introduction to Industrial Finance
- MBC 551: Consulting Theory and Practice

## **Associations/Affiliations** (*Contribution & Current Position*):

1. MIOD-Member Institute of Directors-Ghana-2019 -Present
2. FIMC-Fellow-The Institute of Management Consultants (FIMC-LAG: 2331-19)
3. ICMCI CMC Global-Chartered Management Consultant-NIG (CMC-LAG 2456.19)
4. ChPA- Chartered Professional Administrator, 2015 –Present
5. CMC - Chartered Management Consultant-Ghana, 2015 –Present
6. MCIAMC (Chartered Institute of Administrators & Mgt Consultant), 2015 -Present
7. FGhIPT (Fellow, Ghana Institution of Professional Trainers), 2014-Present
8. FALPS (Senior Fellow, Academy of Learned Perspectives), 2016-Present
9. MIETG (Member, Institution of Engineering and Technology, Ghana), 2014-Present
10. MGIOC (Member, Ghana Institute of Construction), 2013 - Present
11. FGhICSR (Fellow, Ghana Institution of Corporate Social Respons), 2010 - Present
12. MELT (Member, Emerald Literati Network, UK), 2010 - Present
13. FaGE (Fellow, Association of Graduate Entrepreneurs),2009-Present
14. FRRAG (Fellow, Rural Research and Advocacy Group), 2009–Present
15. MOPERC (Off-Highway Plant & Equipment Research Centre, UK), 2006–Present
16. MARCOM (Association of Researchers of Construction Mgt. UK), 2006-Present

## Other Professional Experience

- i) **Lead Consultant/Project Manager:** Mine Infrastructure Decommissioning and Liability Estimation for Gold Fields Ghana Limited W/R. (July 2019 to date).
- ii) **Lead Consultant/Project Manager:** Design and Supervision of the Construction of Tarkwa and Abosso Sports Stadium W/R. (January 2018 to date).
- iii) **Lead Consultant,** Training and Capacity Building of Key Staff and Community Stakeholders at Prestea Huni Valley District Assembly (May –June 2016)
- iv) **Lead Consultant,** Baseline Survey on Needs Assessment and Risk Profiling of Mining Communities at Prestea Huni Valley District Assembly (July –November 2016)
- v) **Project Consultant,** Study on Regulatory and Development Agency for Construction Industry in Ghana (January-July, 2014)
- vi) **Project Consultant,** Onion Wholesale Market Infrastructure Design at Ga West Municipal Assembly, Contract No. Task Order 21723 under EDH-I-00-05-00005-00 West Africa Agribusiness and Trade Promotion (ATP), Financed by USAID-ATP Carana Corporation, USA (July-October 2011)
- vii) **Project Manager:** Construction of 3-Storey Office Administration Block for Tarkwa-Nsuaem Municipal Assembly, Tarkwa, W/R. Funding by IGF and Mineral Fund (November 2010 to date).
- viii) **Project Manager:** Construction of Administration Block Complex and Construction of 7No. Staff Accommodation (Planning and Development of Housing Settlement) for Prestea-Huni Valley District Assembly, Bogoso, W/R. (January 2009 to December 2010).
- ix) **Project Manager:** Construction of various infrastructure Development Projects for Asante-Akyem Municipal Assembly, Konongo, A/R. (July 2009 to August 2010).
- x) **Lead Consultant:** Development of Generic Funding Proposals for Afigya Kwabre District, Kodie, Ashanti Region; and Packing, Linking, Marketing and Selling the District to the International Community (21010).
- xi) **Lead Facilitator:** Train the Trainer Programme: Training of Community stakeholders, local government public service officials, and project facilitators in project management, procurement management, Construction management, local government structures, etc. Clients include several metropolitan, municipal and District assemblies in Ghana (2010)
- xii) **Project Quantity Surveyor:** Construction of Health Facilities for Ghana Health Services, Brong Ahafo Health Directorate- Sunyani (January 2007 – June 2008)
- xiii) **Project Quantity Surveyor:** Construction of Infrastructure Facilities for Ghana Immigration Services *at* selected sector commands (March 2007 – May 2008)

- xiv) **Lead Consultant:** Project Appraisal, Monitoring and Evaluation: Promoting Partnership with Traditional Authorities Project (PPTAP), Construction of 40 No. Educational Infrastructure projects at 40 different Communities in Ashanti Region. Funding Provided by World Bank through Asantehene, Otumfuo Osei-Tutu II (2005-2006)

## Leadership Engagements

My duties include and included; initiating and directing business affairs, developing business linkages, contract management, project management, market penetration, investment appraisals, providing visionary and inspirational leadership, etc.

### *(E1) Non-Profit Based Organizations*

**2010 to date**      **President, Green Communities International:**  
Non-profit organization that seeks to respond to climate change and sustainable development issues in Ghana and within the West Africa Sub-region through building environment adaptive changes, community greening, climate change, environmental sustainability, biodiversity, etc)

### *(E2) Profit Based Organizations*

**2010 to date**      **CEO, Training Innovations & Technology Transfer Institute Ltd,** Services include, project management training, Capacity building, Management consultancy, corporate Governance, outsourcing, etc

## Research Publications (Or Articles):

<b>(A) Authored Books and Monographs</b>	
1.	Boateng, F., <b>Owusu-Manu, D.</b> , Adesi, M. (2016), “ <i>Corporate Governance Practices of Management and Engineering Consulting Firms In Ghana: An Empirical Study Grounded In Theory</i> ” ISBN:978-9988-2-3817-9, Kobina Eshun Publishers: Accra
2.	Opoku, D.J., <b>Owusu-Manu, D.</b> and Agyekum, K. (2016), “ <i>Global Mindset Factors Affecting Performance of Foreign Contractors</i> ” LAP Lambert Academic Publishing, pp. 92. ISBN-10: 3659856556 ISBN-13: 978-3-659-85655-6.
3.	<b>Owusu-Manu, D.</b> , and Badu, E. (2011), “ <i>Capital Structure, Investment Strategy and Financial Decisions: The Perspective of Large Construction Enterprises in Developing Countries</i> ” 1 <sup>st</sup> Edition, Project No. 17163, Germany: Lambert Academic Publishing, ISBN: 978-3-8443-1676-6.
4.	Boadu, P., and <b>Owusu-Manu, D.</b> (2011), “ <i>Entrepreneurial Intentions of Built-Environment Students in Ghana</i> ” 1 <sup>st</sup> Edition, Project No. 17191, Germany: Lambert Academic Publishing, ISBN: 978-3-8383-9288-2.
5.	Amoako-Atta, K., and <b>Owusu-Manu, D.</b> (2011), “ <i>Asset structure and its Implications on Project Performance</i> ” 1 <sup>st</sup> Edition, Germany: Lambert Academic Publishing, ISBN: 978-3-8443-92882845-5

<p><b>(B) Book Chapters</b></p> <ol style="list-style-type: none"> <li>1. <b>Owusu-Manu D.</b>, Debrah C., Antwi-Afari P., Edwards D.J. (2020). Barriers of Project Bond Initiatives in Infrastructure Financing in Ghana. In: Aigbavboa C., Thwala W. (eds) <i>The Construction Industry in the Fourth Industrial Revolution</i>. CIDB 2019, Springer, Cham, pp. 12-21. <a href="https://doi.org/10.1007/978-3-030-26528-1_2">doi.org/10.1007/978-3-030-26528-1_2</a></li> <li>2. Darko, A., Chan, A. P. C., <b>Owusu-Manu, D. G.</b>, Gou, Z, and Man, J. C. F. (2019), Adoption of green building technologies in Ghana. <i>Green building development in the third world</i>, Springer International Publishing.</li> <li>3. Badu, E., and <b>Owusu-Manu, D.</b> (2011), “<i>An Overview of Construction Activities in Kumasi</i>” in “The Future of the Tree-Towards Development and Growth”. Ed. Kwasi Kwafwa Adarkwa, 1<sup>st</sup> Edition. pp 270-289</li> </ol>
<p><b>(C) Book Reviews</b></p> <ol style="list-style-type: none"> <li>1. <b>Owusu-Manu, D.</b> (2011), September 4), [Review of the book <i>Project Finance in Construction: A Structured Guide to Assessment</i> by Anthony Merna, Yang Chu and Faisal Fahad Al-Thani], Wiley-Blackwell Publishers, London, 174 pp. Hardcover, ISBN 978-1-4443-3477-7, <i>International Journal of Project Planning and Finance</i>, Vol. 2, No.1, pp 113-115</li> </ol>
<p><b>(D) Position Papers</b></p> <ol style="list-style-type: none"> <li>1. <b>Owusu-Manu, D.</b> (2012), “Enhancing Security in Africa to boost Intra-African Trade through Entrepreneurship”, Position paper submitted to and delivered at the 2<sup>nd</sup> Model Africa Union Summit at the Accra International Conference Centre on 25<sup>th</sup> May 2012</li> </ol>
<p><b>(E) Selected Peer-Reviewed Journal Papers</b></p> <ol style="list-style-type: none"> <li>1. Mensah-Sackey, D., <b>Owusu-Manu, D.</b>, Asiedu, O.A., and Jehuri, A.B., D.J, (2020), Analysis of Latent Impeding Factors to Solar Photovoltaic Investments in Ghana <i>International Journal of Energy Sector Management</i> DOI <a href="https://doi.org/10.1108/IJESM-08-2019-0005">10.1108/IJESM-08-2019-0005</a></li> <li>2. <b>Owusu-Manu, D.</b>, Ghansah, F.A., Darko, A., and Asiedu, O.A. (2020), Service Quality of Insurance in Complex Project Deals in the Construction Industry in Ghana, <i>International Journal of Building Pathology and Adaptation</i> DOI <a href="https://doi.org/10.1108/IJBPA-09-2019-0078">10.1108/IJBPA-09-2019-0078</a></li> <li>1. <b>Owusu-Manu, D.</b>, Ghansah, F.A., Darko, A., Asiedu, O.A, and Edwards. D.J (2020), Exploring Insurable and Non-Insurable Risk on Complex Project Deals in the Construction Industry in Ghana, <i>Journal of Engineering Design and Technology</i> DOI <a href="https://doi.org/10.1108/JEDT-10-2019-0265">10.1108/JEDT-10-2019-0265</a></li> <li>3. Ghansah, F.A., Owusu-Manu, D., and Ayarkwa, J. (2020), Project Management Processes in the Adoption of Smart Building Technologies: A Systematic Review of Constraints, <i>Smart and Sustainable Built Environment</i> DOI <a href="https://doi.org/10.1108/SASBE-12-2019-0161">10.1108/SASBE-12-2019-0161</a></li> <li>4. Amo-Asamoah, E., <b>Owusu-Manu, D.</b>, <b>Ghansah, F.A.</b>, Asumadu, G. Edwards, D.J. (2020), Potential for Waste to Energy Generation of Municipal Solid Waste (MSW) in the Kumasi Metropolis of Ghana, <i>International Journal of Energy Sector Management</i> <b>(Accepted-forthcoming)</b></li> <li>5. <b>Owusu-Manu, D.</b>, Ghansah, F.A., Asare, E., and Edwards, D.J (2020), Factors Determining Retirement Decisions of Construction Workers in Ghana, <i>Journal of Financial Management of Property and Construction</i> <b>(Accepted-forthcoming)</b></li> </ol>



6. <b>Owusu-Manu, D.</b> , Ghansah, F.A., Edwards, D.J., and Asare, E., (2020), Appraising the Effects of Retirement Education and Retirement Schemes on Retirement Decision Making of Ghanaian Construction Workers, <i>Journal of Financial Management of Property and Construction</i> ( <b>Accepted-forthcoming</b> )
7. <b>Owusu-Manu, D.</b> , Asiedu, O.A., Ghansah, F.A., Tagoe, D.S.N., and Edwards, D.J., Birch, A. (2020), Assessing the Policy Provisions and Institutional Behavioural Factors Influencing Rail Infrastructure Financing in Developing Countries with Special Reference to Ghana, <i>Journal of Infrastructure Systems</i> ( <b>1<sup>st</sup>Accepted-forthcoming</b> )
8. Ghansah, F. A., <b>Owusu-Manu, D.</b> , Ayarkwa, J., Darko, A. and Edwards, D. J. (2020) Underlying Indicators for Measuring Smartness of Buildings in the Construction Industry, <i>Smart and Sustainable Built Environment</i> ( <b>1<sup>st</sup>Accepted-forthcoming</b> )
9. <b>Owusu-Manu, D.</b> , Kukah., A.S.K, Edwards, D.J, and Pärn, E.A., and Hatem, E (2020), Exploring strategies to reduce moral hazard and adverse selection of Public-Private-Partnership Construction Projects in developing countries: Case study of Ghana" <i>Built Environment Project and Asset Management</i> ( <b>Accepted-forthcoming</b> )
10. Ghosh, A., Edwards, D., Hosseini, M. Reza, <b>Owusu-Manu, D.</b> and Aigbavboa, C. (2020) "Patterns and trends in internet of things (IoT) Research: Future applications in the construction industry" <i>Engineering, Construction and Architectural Management</i> ( <b>1<sup>st</sup> Accepted-forthcoming</b> )
11. <b>Owusu-Manu, D.</b> , Edwards, D., Donkor-Hyiaman, K., Reza Hosseini, M. and Obiri-Yeboah, E. (2019), "Housing attributes and relative house prices in Ghana", <i>International Journal of Building Pathology and Adaptation</i> , Vol. 37 No. 5, pp. 733-746. <a href="https://doi.org/10.1108/IJBPA-01-2019-0003">https://doi.org/10.1108/IJBPA-01-2019-0003</a>
12. <b>Owusu-Manu, D.</b> , Edwards, D., Mohammed, A., Thwala, W. and Birch, T. (2019), "Short run causal relationship between foreign direct investment (FDI) and infrastructure development", <i>Journal of Engineering, Design and Technology</i> , Vol. 17 No. 6, pp. 1202-1221. <a href="https://doi.org/10.1108/JEDT-04-2019-0100">https://doi.org/10.1108/JEDT-04-2019-0100</a>
13. Adesi, M., <b>Owusu-Manu, D.</b> , and Boateng, F. (2019), "Segmentation of Quantity Surveying Professional Services for Focus Strategy and Diversification" <i>Journal of Financial Management of Property and Construction</i> , Vol. 24 No. 3, pp. 294-308, <a href="https://doi.org/10.1108/JFMPC-09-2018-0052">DOI 10.1108/JFMPC-09-2018-0052</a>
14. <b>Owusu-Manu, D.</b> , Jehuri, A.B., Edwards, D.J, Boateng, F. and Asumadu, G., (2019), The Impact of Infrastructure Development on Economic Growth in Sub-Saharan Africa with Special Focus on Ghana" <i>Journal of Financial Management of Property and Construction</i> <a href="https://doi.org/10.1108/JFMPC-09-2018-0050">https://doi.org/10.1108/JFMPC-09-2018-0050</a>
15. Boateng, F., <b>Owusu-Manu, D.</b> , Adesi, M., Parn, E.A, and Edwards, D.J. (2019), Aligning Strategic Objectives to Corporate Governance Objectives in Construction Professional Service Firms <i>Journal of Construction Project Management and Innovation</i> , Vol. 9, No. 1, pp.10-25
16. Donkor-Hyiaman, KA. Parn, E., <b>Owusu-Manu, D.</b> , Edwards, D. J. and Aigbavboa, C. (2019), Pension Reforms, Risk Transfer and Housing Finance Innovations, <i>Journal of Housing and the Built Environment</i> <a href="https://doi.org/10.1007/s10901-019-09698-4">https://doi.org/10.1007/s10901-019-09698-4</a>
17. Kulkarni, S., Edwards, D.J. Chapman, C., Reza Hosseini, M., <b>Owusu-Manu, D.</b> (2019) "A preliminary mechanical design evaluation of the Wikispeed car: for light-weighting implications", <i>Journal of Engineering, Design and Technology</i> , Vol. 17, No: 1, pp.230-249, <a href="https://doi.org/10.1108/JEDT-09-2018-0154">https://doi.org/10.1108/JEDT-09-2018-0154</a>

18. Boadi, J.M., Bondinuba, F. K., Eyiah, A.L, <b>Owusu-Manu, D.</b> (2019), Modeling the Relationship between Risks and the Sustainability of Microfinance Institutions (MFIs) in Ghana, <i>Journal of Economics and Sustainable Development</i> , ISSN (Paper)2222-1700 ISSN (Online)2222-2855. <a href="https://doi.org/10.7176/JESD/10-12-11">10.7176/JESD/10-12-11</a> Vol.10, No.12, pp. 103-111
19. <b>Owusu- Manu, D.</b> , Asiedu, O.R, Donkor-Hyiaman, K.A., Edwards, D.J., M. Reza Hossein, and Abuntori, P. A (2019), An Assessment of Mortgage Loan Default Propensity in Ghana” <i>International Journal of Building Pathology and Adaptation</i> <a href="https://doi.org/10.1108/IJBPA-01-2019-0003">https://doi.org/10.1108/IJBPA-01-2019-0003</a>
20. Roberts, C., Edwards, D.J., Reza Hosseini, M., Mateo Garcia, M. and <b>Owusu-Manu, D.</b> , (2019), Post-Occupancy Evaluation: A Critical Review of Literature, <i>Engineering, Construction and Architectural Management</i> <a href="https://doi.org/10.1108/ECAM-09-2018-0390">https://doi.org/10.1108/ECAM-09-2018-0390</a>
21. <b>Owusu-Manu, D.</b> , Kukah, A.S.K., Edwards, D.J., Parn, E.A., Hatem, E. and Aigbavboa, C. (2019), An Assessment of the Level of Emotional Intelligence Attributes of Undergraduate Built Environment Students in Developing Countries, <i>Industry and Higher Education</i> 1–8 <a href="https://doi.org/10.1177/0950422218798551">DOI: 10.1177/0950422218798551</a>
22. <b>Owusu-Manu, D.</b> , Edwards, D.J., Pärn, E.A., Asiedu, O.R., Aboagye, A., (2018) "Determinants of mortgage price affordability: a study of Ghana", <i>International Journal of Housing Markets and Analysis</i> , Vol. 11, No.: 4, pp.734-751, <a href="https://doi.org/10.1108/IJHMA-11-2017-0094">https://doi.org/10.1108/IJHMA-11-2017-0094</a>
23. Bondinuba, F.K., Opoku, A., Owusu-Manu, D., Donkor-Hyiaman, K.A. (2018) "Stimulating growth and improving the delivery of housing microfinance interventions: An analysis of critical demand factors", <i>Journal of Facilities Management</i> , Vol. 16 No. 3, pp.238-252, <a href="https://doi.org/10.1108/JFM-04-2017-0019">https://doi.org/10.1108/JFM-04-2017-0019</a>
24. Owusu-Manu, D., Edwards, D.J, Kukah, A.S.K., Parn, E.A, Hatem, G, Reza Hosseini, M., (2018) "An empirical examination of moral hazards and adverse selection on PPP projects: A case study of Ghana", <i>Journal of Engineering, Design and Technology</i> , Vol. 16 Issue: 6, pp.910-924, <a href="https://doi.org/10.1108/JEDT-01-2018-0001">https://doi.org/10.1108/JEDT-01-2018-0001</a>
25. Owusu, E.K., Chan, A.P.C, Owusu–Manu, D., Ameyaw, E.E., and Osei-Kyei, R., (2018), Contemporary Review of Anti-Corruption Measures in the Construction Project Management, <i>Project Management Journal</i> , Vol. 50 No. pp. 1–17 <a href="https://doi.org/10.1177/8756972818808983">DOI: 10.1177/8756972818808983</a> <a href="https://journals.sagepub.com/home/pmx">journals.sagepub.com/home/pmx</a>
26. Owusu-Manu, D., Kukah, A.S.K, Edwards, D.J., Pärn, E.A., and Hatem, E. and Aigbavboa, C. (2018), Causal relationships of moral hazard and adverse selection of Ghanaian Public-Private-Partnership (PPP) construction projects, <i>Journal of Engineering, Design and Technology</i> , Vol. 16 No: 3, pp.439-460, <a href="https://doi.org/10.1108/JEDT-12-2017-0137">https://doi.org/10.1108/JEDT-12-2017-0137</a>
27. Owusu-Manu, D., Parn, E.P., Kutin-Mensah, E.K., Edwards, D.J. (2018), Power Infrastructure Sector Reforms, Power Generation and Private Investments: Empirical Evidence from Ghana’s Power Sector ASCE Journal of infrastructure Systems Vol. 24, No. 3, pp.1-24 <a href="https://ascelibrary.org/doi/10.1061/%28ASCE%29IS.1943-555X.0000423">https://ascelibrary.org/doi/10.1061/%28ASCE%29IS.1943-555X.0000423</a>
28. Antwi-Afari, M.F., <b>Li, H.</b> , Edwards, D.J., Parn, E.A., Owusu-Manu, D., Seo, J., and Wong, <b>A.Y.L.</b> , (2018), Identification of Potential Biomechanical Risk Factors for Low Back Disorders during Repetitive Rebar Lifting, <i>Construction Innovation: Information, Process, Management</i> , Vol. 18 No.: 2, pp. 2016-226 DOI: <a href="https://doi.org/10.1108/CI-05-2017-0048">https://doi.org/10.1108/CI-05-2017-0048</a>

29. Owusu-Manu, D., Edwards, D.J, Pärn, E.A Antwi-Afari, M.F Aigbavboa, C., (2018) "The knowledge enablers of knowledge transfer: a study in the construction industries in Ghana", <i>Journal of Engineering, Design and Technology</i> , Vol. 16 Issue: 2, pp.194-210, <a href="https://doi.org/10.1108/JEDT-02-2017-0015">https://doi.org/10.1108/JEDT-02-2017-0015</a>
30. Adesi, M., Owusu-Manu, D. and Murphy, R (2018), "Strategic Competences for Pricing Professional Quantity Surveying Consultancy Services" <i>Engineering, Construction and Architectural Management</i> Vol. 25 No: 3, pp.458-474, <a href="https://doi.org/10.1108/ECAM-12-2016-0264">https://doi.org/10.1108/ECAM-12-2016-0264</a>
31. Owusu-Manu, D., Antwi-Afari, P., Edwards, D.J., Parn, E.A., Hatem, E. and Aigbavboa, C. (2018), Expanding Understanding on Attributes of Innovation Champions: Firms and Individual Perspectives of Professional Quantity Surveying Firms, <i>American Journal of Civil Engineering</i> Vol. 6, No. 6, pp. 178-184 <a href="https://doi.org/10.11648/j.ajce.20180606.11">doi: 10.11648/j.ajce.20180606.11</a>
32. Owusu-Manu, D., Antwi-Afari, P., Edwards, D.J., Parn, E.A., Hatem, E. and Aigbavboa, C. (2018), Exploratory Investigation into the Challenges and Expectations of Innovative Quantity Surveying Firms in Ghana, <i>International, Journal of Technology</i> (2018) 7: 611-620 /DOI: <a href="https://doi.org/10.14716/ijtech.v9i7.2457">https://doi.org/10.14716/ijtech.v9i7.2457</a>
33. Owusu-Manu, D., Addy, M.N., Agyekum, K., and Aidoo, C. (2018), Exploring the Critical Success Factors of Ghanaian Built Environment Consulting Firms, <i>International Journal of Construction Project Management</i> , Vol. 9, No. 2, pp.1-16, Nova Science Publishers, Inc. ISSN: 1944-1436
34. Owusu-Manu, D., Torku, A. Addy, M.N., Pärn, E., and Edwards, D.J. (2017) "An Empirical Assessment of Innovation Practices of Quantity Surveying Firms in Ghana", <i>Journal of Construction Project Management and Innovation</i> Vol. 7 No. SI (1), pp. 1843-1858, <a href="https://journals.co.za/content/journal/jcpmi_v7_suppl">https://journals.co.za/content/journal/jcpmi_v7_suppl</a>
35. Ameyaw, E.E., Parn, E., Chan, A. P.C, Owusu-Manu, D., <b>Edwards, D.J.</b> , Darko, A. (2017),"Corrupt practices in the construction industry: a survey of Ghanaian experience" <i>ASCE Journal of Management in Engineering</i> , Vol. 33 No. 6, pp. 05017006-1-11 <a href="https://doi.org/10.1061/(ASCE)ME.1943-5479.0000555">DOI: 10.1061/(ASCE)ME.1943-5479.0000555</a>
36. Ameyaw, E.E., Chan, A. P.C, and Owusu-Manu, D. (2017), "Critical Factors for Attracting Private Sector Participation in Water Supply Projects in Developing Countries: Survey of Experts", <i>Journal of Facilities Management</i> , Vol. 15 No. 1, pp. 35-61- <a href="http://dx.doi.org/10.1108/JFM-06-2016-0027">http://dx.doi.org/10.1108/JFM-06-2016-0027</a>
37. Edwards, D.J., Owusu-Manu, D., Baiden, B.K., Badu, E. and Love, P.E.D. (2017), "Financial Distress and Highway Infrastructure Delays" <i>Journal of Engineering, Design and Technology</i> , Vol. 15 No. 1 pp. 118-132 <a href="http://dx.doi.org/10.1108/JEDT-02-2016-0006">http://dx.doi.org/10.1108/JEDT-02-2016-0006</a>
38. Darko, A., Chan, A. P.C, Owusu-Manu, D., and Ameyaw, E.E. (2017), "Drivers for Implementing Green Building Technologies: An International Survey of Experts" <i>Journal of Cleaner Production</i> doi: 10.1016/j.jclepro.2017.01.043.
39. Owusu-Manu, D., Edwards, D.J, Kutin-Mensah, E.K. Parn, E. A., Kilby, A., and Love, P.E.D. (2017), "The Impact of Socio-Political and Economic Environments on Private Sector Participation in Energy Infrastructure Delivery", <i>Journal of Engineering, Design and Technology</i> , Vol. 15 No. 2 pp. 166-180 <a href="http://dx.doi.org/10.1108/JEDT-02-2016-0007">http://dx.doi.org/10.1108/JEDT-02-2016-0007</a>
40. <b>Owusu-Manu, D.</b> , and Kukah, A.S. (2017), "Motivation Factors of Public and Private Sectors Engaging in Public-Private-Partnership (PPP) Construction Projects in Ghana" <i>Journal of Built Environment</i> , Vol. 1 No. 1 pp. 57-85

41. <b>Owusu-Manu, D.</b> , Pärn, E.A., Donkor-Hyiaman, K.A., Edwards, D.J., and Blackhurst, K. (2016), “The Relative Importance of Mortgage Pricing Determinants in Mortgage Affordability in Ghana: An Ex Post Attribution”, <i>Journal of Engineering, Design and Technology</i> Vol. 14, No. 3, pp. 563 - 579 <a href="http://dx.doi.org/10.1108/JEDT-06-2014-0040">http://dx.doi.org/10.1108/JEDT-06-2014-0040</a>
42. Ofori-Asamoah, E., Donaldy, R., and <b>Owusu-Manu, D.</b> , (2016), “Impact of Share Pricing On Financial Performance of Rural and Community Banks in Ghana” <i>International Journal of Business and Social Science</i> , Vol. 7, No. 10, pp. 91-101
43. Bondinuba, F. K., Nimako, S. G., <b>Owusu-Manu, D.</b> , Edwards, D.J., Conway, C. and Love, P.E.D (2016), “Antecedents of Supplier Relationship Quality (SRQ) in the Construction Supply Chain” <i>International Journal of Construction Supply Chains Management</i> , Vol. 6, No. 1, pp. 1-18, DOI: 10.14424/ijcscm601016-01
44. Donkor-Hyiaman, K.A., and <b>Owusu-Manu, D.</b> (2016), “Another Look at Housing Finance in Africa: The Anatomy of Pension Asset-Backed Housing Financing” <i>International Journal of Housing Markets and Analysis</i> Vol. 9 No. 1 pp. 20-46 <a href="http://dx.doi.org/10.1108/IJHMA-05-2014-0014">http://dx.doi.org/10.1108/IJHMA-05-2014-0014</a>
45. <b>Owusu-Manu, D.</b> , Edwards, D.J. Adesi M., Badu, E., and P.E.D Love (2016), “Attaining Fairness in Construction Cost Consultancy Pricing Services: A Case Study in Ghana, <i>Journal of Engineering Design and Technology</i> Vol. 14, No. 4, pp. 678-698 <a href="http://www.emeraldinsight.com/doi/pdfplus/10.1108/JEDT-01-2015-0002">http://www.emeraldinsight.com/doi/pdfplus/10.1108/JEDT-01-2015-0002</a>
46. Chan, A. P.C, Darko, A., Ameyaw, E.E., and <b>Owusu-Manu, D.</b> , (2016), “Barriers Affecting the Adoption of Green Building Technologies, <i>ASCE Journal of Management in Engineering</i> (IN PRESS)
47. Ameyaw, E.E., Chan, A. P.C, and <b>Owusu-Manu, D.</b> , (2016), Critical Factors for Attracting Private Sector Participation in Water Supply Projects in Developing Countries: Survey of Experts, <i>Journal Facilities Management</i> (IN PRESS)
48. Antwi-Afari, M.F., Parn, E., <b>Owusu-Manu, D.</b> , and Edwards, D.J (2016), Conceptualization of the Absorptive Capability Paradox in Technology Transfer Projects: A Study of the Ghanaian Construction Industry, <i>Mindanao Journal of Science and Technology</i> , Vol. 14. No.2, No.2, pp. 57-78
49. Darko, A., <b>Owusu-Manu, D.</b> , Parn, E. and Edwards, D.J. (2016), “Identifying Potential Critical Risks in the Construction Supply Chain – An Empirical study in Ghana”, <i>Mindanao Journal of Science and Technology</i> , Vol 14, No. 2 No.2, pp. 79-100
50. Chan, A. P.C, Darko, A., Ameyaw, E.E., and <b>Owusu-Manu, D.</b> (2016), “A Barriers Affecting the Adoption of Green Building Technologies, <i>ASCE Journal of Management in Engineering</i> , 10.1061/(ASCE)ME.1943-5479.0000507 , 04016057, pp. 1-12
51. Ofori-Kuragu, K., <b>Owusu-Manu, D.</b> , and Ayarkwa, J. (2016), The Case For The Construction Industry Council, Ghana, <i>Journal of Construction in Developing Countries</i> Vol 21, No. 2, pp. (Accepted forthcoming) (IN PRESS)
52. <b>Owusu-Manu, D.</b> , and Edwards, D.J. (2016), Financial Distress Related Causes of Project Delays in the Ghanaian Construction Industry <i>Journal of Engineering, Design and Technology</i> (Accepted forthcoming)
53. Adesi., M., <b>Owusu-Manu, D.</b> , and Badu, E (2015) “Rethinking Methodology in Project Management Consulting Context”, <i>International Journal of Construction Project Management</i> Vol. 7, No. 2, pp. 1-18
54. <b>Owusu-Manu, D.</b> , Edwards, D.J., and Quagrains, R. (2015), “Barriers Constraining Management Innovation (MI) Adoption in the Ghanaian Construction Consulting Sector: A Case Study”, <i>Journal of Engineering, Design and Technology</i> Vol. 13, No. 4. pp. 612-631 <a href="http://dx.doi.org/10.1108/JEDT-10-2014-0067">http://dx.doi.org/10.1108/JEDT-10-2014-0067</a>

55. Badu, E., <b>Owusu-Manu, D.</b> , Donkor-Hyiaman, K.A., Conway, C. and Edwards, D.J., (2015), Innovative Financing Mechanisms for Delivering Sanitation Infrastructure In Ghana <i>Mindanao Journal of Science and Technology</i> , Vol. 13, No. 2015, pp. 238-258
56. Ameyaw, C., Adjei-Kumi, T., and <b>Owusu-Manu, D.</b> , (2015), “Exploring Value for Money (VfM) Assessment Methods of Public-Private Partnership Projects in Ghana – A Theoretical Framework” <i>Journal of Financial Management of Property and Construction</i> Vol. 20, No. 3. pp. 268-285 <a href="http://dx.doi.org/10.1108/JFMPC-01-2015-0003">http://dx.doi.org/10.1108/JFMPC-01-2015-0003</a>
57. <b>Owusu-Manu, D.</b> , Badu, E., Gary D. Holt, Edwards, D.J., (2015), “Determinants of Management Innovation in the Ghanaian Consulting Sector” <i>Construction Economics and Building</i> , Vol. 15, No.1, pp. 75-88.
58. <b>Owusu-Manu, D.</b> , Edwards, D.J., Afrane, S. K., Dontwi, I.K and Laycock, P. (2015), “Professional doctoral scholarship in Ghana: a case study of the CDT–BEPS framework”, <i>Industry and Higher Education</i> , Vol. 29, No. 3, pp. 197-208, IP Publishing
59. <b>Owusu-Manu, D.</b> , Edwards, D.J., Badu, E., Donkor-Hyiaman, K.A. and Love, P.E.D (2015), “Real Estate Infrastructure Financing in Ghana Sources and Constraints Habitat International, Vol. 50, No. 12, pp. 35–41 Science Direct
60. Ofori-Boadu, A.N., Shofoluwe, M.A., <b>Owusu-Manu, D.</b> , Edwards, D.J and Holt, D.G. (2015), ‘Analysis of U.S Commercial Buildings Energy Programs’, <i>Built Environment Project and Asset Management Journal</i> , Vol. 5, No. 4, pp. 1-15 Emerald Publishing
61. Ameyaw, E.E., Chan, A. P.C, and <b>Owusu-Manu, D.</b> (2015), “Domestic private sector participation in small-town water supply services in Ghana: Reflections on experience and policy implications” <i>Public Organization Review</i> , Vol. 15, No. 1, pp. 175–192 DOI10.1007/s11115-013-0266-3, Springer
62. Ameyaw, E.E., Chan, A. P.C, <b>Owusu-Manu, D.</b> , and Coleman, E. (2015), “A Fuzzy Model for Evaluating Risk Impacts on Variability between Contract Sum and Final Account in Government-Funded Construction Projects”, <i>Journal of Facilities Management</i> , Vol. 13 No. 1, pp. 45-69
63. <b>Owusu-Manu, D.</b> , Edwards, D.J., Badu, E., and Adesi, M. (2015), Exploring the Inherent Estimating Risks in Quantity Surveying (QS) Consultancy Services Provision’ <i>Mindanao Journal of Science and Technology</i> , Vol.13, No. 2015, pp. 170-195.
64. <b>Owusu-Manu, D.</b> , Holt, G.D., Edwards, D.J., and Badu, E., (2014), “Determinants of Trade Credit Supply among the Ghanaian Construction Sectors”, <i>Built Environment Project and Asset Management Journal</i> , Vol. 4, No. 4, pp. 368-383
65. <b>Owusu-Manu, D.</b> , Afrane, S. K., and Donkor-Hyiaman, K.A. (2014), “Towards Developing Trade Credit Policies in the Ghanaian Construction Industry: An Analysis of Constraints, <i>Journal of Economics and Sustainable Development</i> , Vol. 5, No. 8, pp. 166-180
66. Afrane, S. K., <b>Owusu-Manu, D.</b> , Donkor-Hyiaman, K.A. and Bondinuba, K.F. (2014), ‘Towards Innovative Housing Financing in Ghana: An Evidence-Based from South Africa’s Pension Housing Financing System’ <i>Public Policy and Administration Research</i> Vol. 4. No. 4, pp. 97-110
67. <b>Owusu-Manu, D.</b> , Edwards, D.J, Holt, G.D., and Prince, C., (2014), “Industry and Higher Education Integration: A Focus on Quantity Surveying Practice, <i>Industry and Higher Education</i> Vol. 28, No. 1, pp. 27-37
68. Afrane, S. K., <b>Owusu-Manu, D.</b> , and Adesi, M (2014), “Infusion of TQM in Management Consulting Professional Training in Ghana: Exploring Key Strategic Issues’, <i>International Journal of Management Sciences</i> , Vol. 2, No.1, pp. 44-60

69. Badu, E., <b>Owusu-Manu, D.</b> , Edwards, D.J., and Holt, G.D. (2013), “Factor Analysis of Strategic Issues Underpinning the Innovative Financing of Infrastructure”, <i>Journal of Construction Engineering and Management ASCE</i> , Vol. 139, No. 6, pp. 726–737. doi: 10.1061/(ASCE) CO.1943-7862.0000641
70. <b>Owusu-Manu, D.</b> , Afrane, S. K., Badu, E., Edwards, D.J., and Brown, M. (2013), “Redefining Entrepreneurial Learning Paradigms within Developing Countries: A Case Study of Ghana”, <i>Industry and Higher Education</i> , Vol. 27, No 2, pp. 105-116 (doi: 10.5367/ihe.2013.0146
71. Badu, E., <b>Owusu-Manu, D.</b> , Edwards, D.J., Adesi, M., and Lichtenstein, S. (2013), “Rural Infrastructure Development in the Volta Region of Ghana: Barriers and Interventions”, <i>Journal of Financial Management of Property and Construction</i> Vol. 18, No. 2. pp. 142-159 DOI 10.1108/JFMPC-11-2012-0040
72. Lichtenstein, S., Badu, E., <b>Owusu-Manu, D.</b> , Edwards, D.J., and Holt, G. D. (2013), “Corporate Social Responsibility Architecture and CSR Project Alignments within the Construction Industry”, <i>Journal of Engineering, Design and Technology</i> , Vol. 11, No. 3, pp. 334-353
73. Dogbegah, R., Omoteso, K. and <b>Owusu-Manu, D.</b> (2013), “A Qual-Quant (q2) Method for Exploring and Appraising Project Management Competency Requirements for Managing Large Projects in Ghana”, <i>International Journal of Construction Project Management</i> Vol. 5, No. 2, pp. 135-158
74. Owusu-Agyekum, K., <b>Owusu-Manu, D.</b> , and Evans, R., (2012), “Financial Risk Management- Evidences from Four UK Oil and Natural Gas Companies” <i>International Journal of Project Planning and Finance</i> , Vol. 3, No. 1, pp. 36-75
75. Badu, E., Edwards, D.J., Holt, G. D. <b>Owusu-Manu, D.</b> , and Brown M. (2012), “Barriers to Innovative Financing of Infrastructure Projects Delivery in Ghana”, <i>Journal of Financial Management of Property and Construction</i> , Vol. 17, No. 3, pp. 253-273
76. Badu, E., Edwards, D.J., and <b>Owusu-Manu, D.</b> (2012), “Trade-credit and supply chain delivery in the Ghanaian construction industry: analysis of vendor interactions with small to medium enterprises”, <i>Journal of Engineering, Design and Technology Management</i> , Vol. 10, No.3, pp. 360-379
77. <b>Owusu-Manu, D.</b> , Badu, E., Edwards, D.J., Adesi, M. and Holt, G.D. (2012), “Conceptualization of the Consultancy Pricing Paradox”, <i>Structural Survey</i> , Vol. 30, No. 4, pp. 357-378
78. Ofori-Boadu, A. N., <b>Owusu-Manu, D.</b> , Edwards, D.J. and Holt, G.D. (2012), “Exploration of Management Practices for LEED Projects: Lessons from Successful Green Building Contractors”, <i>Structural Survey</i> , Vol. 30, No. 2, pp. 145 - 162
79. <b>Owusu-Manu, D.</b> Badu, E., and Edwards, D.J. (2011), “The Development of a Procurement Management Framework in Ghana: A New Paradigm for Interdisciplinary Postgraduate Education”, <i>Industry and Higher Education</i> . Vol. 25, No 4, pp 289–305
80. Dogbegah, R. <b>Owusu-Manu, D.</b> , and Omoteso, K. (2011), “A Principal Component Analysis of Project Management Competencies for the Ghanaian Construction Industry”, <i>Australian Journal of Construction Economics and Building</i> Vol. 11, No.1 (2011), pp. 26-40.
81. Badu, E., <b>Owusu-Manu, D.</b> , Edwards, D.J., and Holt, G.D. (2011), “Innovative Financing (IF) of Infrastructure Projects Delivery in Ghana: Conceptual and Empirical Observations” <i>Engineering Project Organization Journal</i> . Vol. 2. No.2, pp. 1-14
82. <b>Owusu-Manu, D.</b> , Badu, E., and Otu-Nyarko, D. (2010), “Corporate Social Responsibility: The Perspective of the Ghanaian Construction Industry”, <i>International Journal of Project Planning and Finance</i> , Vol.1 (1) pp. 60-83



83. <b>Owusu-Manu, D.</b> , Adinyira, E., Badu, E. (2010), “Rethinking Construction Project Management Curriculum Reforms: Integration with a Broader Discipline at the Undergraduate Level”, <i>International Journal of Construction Project Management</i> , Vol. 2 Issue 2, pp 135-156, Southern Alberta Institute of Technology, Nova Science Publishers, New York, USA
84. Osei-Tutu, E., Badu, E. and <b>Owusu-Manu, D.</b> (2010), “Exploring Corruption Practices in Public Procurement of Infrastructural Projects in Ghana”, <i>International Journal of Managing Projects in Business</i> , Vol. 3 (2) pp, 236-256 RMIT University, Australia, Emerald Group Publishing Limited
85. Badu, E. and <b>Owusu-Manu, D.</b> (2010), “Improving Access to Construction Finance in Ghana: Empirical Descriptions of Constraints and Antidotes”, <i>Journal of Business and Enterprise Development</i> , University of Cape Coast, Vol. 2 (1) pp 111-129
86. <b>Owusu, M.D.</b> and Badu, E. (2009), “Determinants of Contractors’ Investment Finance Strategy in Ghana: Conceptual and Empirical Explanations”, <i>Journal of Financial Management of Property and Construction</i> , Vol. 14 (1), Pp. 21 – 33, ISSN: 1366-4387 DOI: 10.1108/13664380910942626 Publisher: Emerald Group Publishing Limited
87. <b>Owusu, M.D.</b> and Badu, E. (2009), “Finance Practices of Large Construction Firms in Ghana: Methodological Perspectives for Postgraduate Researchers”, <i>PentVars Business Journal</i> . PUC. Vol. 5 No.4. Pp. 44-54, ISSN: 0855-9163
88. <b>Owusu, M.D.</b> , Badu, E. and Edwards, D.J. (2008), “Conceptual Paradigm and Rethinking Project Finance Strategy for Highway Projects Financing in Ghana”, <i>PentVars Business Journal</i> , PUC. Vol. 3 No.3. Pp. 85-93, ISSN: 0855-9163
89. <b>Owusu, M.D.</b> , Badu, E. and Adjei-Kumi, T. (2008), “Short Essay on Empirical Finance Research: Current Trends and a Call for Future Studies”, <i>PentVars Business Journal</i> , PUC. Vol. 4 No.4. Pp. 71-87, ISSN: 0855-9163
<b>(F) Selected Peer-Reviewed Conference Papers</b>
1. <b>Owusu-Manu, D.</b> , Ghansah, F. A., Boateng, F., Asumadu, G. and Edwards, D. J. (2019), The Strategic Benefits of Innovation Adoption in Construction Consultancy Firms: The Role of Quantity Surveyors, In Chipozya Tembo-Silungwe, Innocent Musonda, Chioma Okoro, ed., <i>Proceedings of the 6th International Conference on Development and Investment in Infrastructure - Strategies for Africa; Innovation in Infrastructure Development and Investment – Is Africa Ready for Change?</i> , 24-26 July 2019, Livingstone, Zambia, pp.290-300.
2. <b>Owusu-Manu, D.</b> , Babon-Ayeng, P., Ghansah, F.A., Debrah, C., Boateng, F. and Edwards, D.J., 2019. Analysing the Relationship Between Construction Employees’ mindset Behaviour and Project Performance. <i>Proceedings of the 43rd Australasian Universities Building Education Association (AUBEA) Conference</i> , 6 – 8 November 2019, Noosa QLD, Australia, pp.133-143
3. Osei-Kyei, R. Chan, A.P.C, <b>Owusu-Manu, D.</b> , Adabre-Atafo, M., & Ameyaw, E.E (2019), “Public-Private Partnership for Affordable Housing delivery in Ghana: Experience of the Ghana National Housing Project and Policy Implications” Public Organization Review <i>Proceedings of the 43rd Australasian Universities Building Education Association (AUBEA) Conference</i> , 6 – 8 November 2019, Noosa QLD, Australia, pp.26-39
4. <b>Owusu-Manu, D.</b> , Debrah, C., Antwi-Afari, P. and Edwards, D.J., (2019, July). Barriers of Project Bond Initiatives in Infrastructure Financing in Ghana. <i>Proceeding of 11th Construction Industry Development Board, CIDB, Postgraduate Research Conference Johannesburg, South Africa, July 28-30, Conference</i> (pp. 12-21). Springer, Cham

5. Torqu, A., Bayrak, T., Ogunlana, S., Chan, A.P.C., <b>Owusu-Manu, D.</b> (2019). Are the Ageing Workforce Satisfied with the Construction Work Environment? In <i>Proceedings of the 11th International Conference on Construction in the 21st Century (CITC-11)</i> , September 9-11, 2019, London, UK.
6. Gamedoagba, K., <b>Owusu Manu, D.</b> , and Soku, M., (2019), “Risk mitigation in the Operations of Mobile Financial services in Ghana” <i>Proceedings of the 9th African Accounting and Finance Association Conference to be held from 4th -6th September 2019 at Ramada Resort, Dar es Salaam, Tanzania</i>
7. Antwi-Afari M.F. Li, H., Lou, E.X., Edwards, D.J. <b>Owusu-Manu, D.</b> , Darko, A. (2019), Overexertion-Related Construction Workers’ Activity Recognition and Ergonomic Risk Assessment Based on Wearable Insole Pressure System. In Laryea, et al. (Eds) <i>Proceedings of the 10th WABER Conference, Ghana Academy of Arts and Sciences, Accra 5<sup>th</sup> -7<sup>th</sup> August 2019 forthcoming</i>
8. <b>Owusu-Manu, D.</b> , Dadzoe F., and Antwi-Afari, P. (2019) Sustainable construction practices in large construction firms in Ghana Exploring the potential of smart buildings in Ghana. <i>The 8<sup>th</sup> World Construction Symposium 2019, Colombo, Sri Lanka, July 12 – 14, 2019.</i>
9. <b>Owusu-Manu, D.</b> , Kwakwa C. and <b>Antwi-Afari, P.</b> (2019), Determinants of infrastructure quality in Ghana. <i>The 8<sup>th</sup> World Construction Symposium 2019, Colombo, Sri Lanka, July 12 – 14, 2019.</i>
10. <b>Owusu-Manu, D.</b> , Ghansah, F. A., Parn, E. And Edwards, D. J, (2018), “Insight into the Push Factors of Innovation Adoption of Professional Services Firms: The Case of Ghanaian Quantity Surveying Firms (QSF)”, In AUBEA 2018: proceedings of the 42nd Australasian Universities Building Education Association Conference, Curtin University, Singapore, Vol. 1, pp.289-298
11. Adiasany, P.A., <b>Owusu-Manu, D.</b> , Bondinuba, F.K. (2017), Examining the Factors Contributing to Premium Undercutting in the Ghanaian Insurance Industry. In A. Opoku (ed.), Proceedings of paper presented at the interdisciplinary Collaborative Research with Special Relevance to Developing Countries /Africa Conference 2017 on November 23rd – 24th 2017, Cambridge, United Kingdom
12. Adison, P.A., <b>Owusu-Manu, D.</b> , Bondinuba, F.K. (2017), The Influence of Premium Undercutting on Claim Settlement and Profit in the Ghanaian Insurance Industry In A. Opoku (ed.), Proceedings of paper presented at the interdisciplinary Collaborative Research with Special Relevance to Developing Countries/Africa Conference 2017 on November 23rd – 24th 2017, Cambridge, United Kingdom
13. <b>Owusu-Manu, D.</b> , Yamoah, .A.D., and Addy, M.N., (2017), Determinants of Academic Quality Disparity among Construction Post-Graduate Students in Ghana. In M. Lamb (ed.), <i>Proceedings of Australasian Universities Building Education Association Conference 2017 (AUBEA) EPiC Series in Education Science, vol. 1)</i> , pp. 19-26
14. Oppong. D.G., Chan, A. P.C., Ameyaw, E.E., and <b>Owusu-Manu, D.</b> , (2017), “A International Experts’ Opinion on the Objectives of Stakeholder Management in Construction Projects”, In Laryea, et al. (Eds) <i>Proceedings the 7th WABER Conference on August 18th – 20th 2017, Accra- Ghana</i>
15. Torqu, A., <b>Owusu-Manu, D.</b> , Pärn, E., Addy, N.M., and Edwards, D.J. (2017), “Impedance to Innovation Practices in the Ghanaian Construction Industry Consultancy Services: The Perspective of Quantity Surveying Firms” In (Eds) <i>Proceedings of 9th International Conference on Construction in the 21st Century (CITC-9)</i> “Revolutionizing the Architecture, Engineering and Construction Industry through Leadership, Collaboration and Technology” March 5th-7th, 2017, Dubai, United Arab



Emirates
16. Torku, A., <b>Owusu-Manu, D.</b> , Pärn, E., Addy, N.M. and Edwards, D.J. (2017), “Innovate to Compete: An Empirical Assessment of Measures to Enhance Innovation Adoption in Ghanaian Quantity Surveying Firms”, In Ayarkwa, et al. (Eds) <i>Proceedings of the 6th International Conference on Infrastructure Development in Africa ICIDA 2017</i> , April 12th – 14th 2017, Kumasi, Ghana
17. <b>Owusu-Manu, D.</b> , Addy M. N., Agyekum K., Aidoo, C. and Okide, C. (2017), “Exploring The Critical Success Factors of The Built Environment Consulting Firms in Ghana”, In Ayarkwa, et al. (Eds) <i>Proceedings the 6th International Conference on Infrastructure Development in Africa ICIDA 2017</i> , April 12th – 14th 2017, Kumasi, Ghana
18. <b>Owusu-Manu, D.</b> , Addy M. N., Bansah, E.B, and Edwards, D.J (2017), “An Exploratory Study into Entrepreneurial Mindsets of Construction Undergraduate Students”, In Ayarkwa, et al. (Eds) <i>Proceedings of the 6th International Conference on Infrastructure Development in Africa ICIDA 2017</i> , April 12th – 14th 2017, Kumasi, Ghana
19. Edwards, D.J., Pärn, E.A., <b>Owusu-Manu, D.</b> , and Sing, M.C.P. (2017), “Safety Devices and Machinery Accident Prevention: An Enigmatic Conundrum”, In Ayarkwa, et al. (Eds) <i>Proceedings of the 6th International Conference on Infrastructure Development in Africa ICIDA 2017</i> , April 12th – 14th 2017, Kumasi, Ghana
20. Addo, B., <b>Owusu-Manu, D.</b> , Donkor-Hyiaman, K.A., Pärn, E., and Edwards, D.J. (2017), “Infrastructure Regeneration and Transition in Property Commercialization in Developing Countries: Case Study of Kumasi”. In Ayarkwa, et al. (Eds) <i>Proceedings of the 6th International Conference on Infrastructure Development in Africa ICIDA 2017</i> , April 14th – 16th 2017, Kumasi, Ghana
21. Boateng, F., <b>Owusu-Manu, D.</b> , Adesi, M. (2016), “Corporate Governance Practices of Management and Engineering Consulting Firms In Ghana: An Empirical Study Grounded In Theory” Book of abstracts of <i>International Conference on Interdisciplinary Research Studies</i> , August 2015, & March 2016, George Washington University, USA, pp.73
22. <b>Owusu-Manu, D.</b> , Badu, E., Agyekum, K., and Akom, J.B (2015), “Rethinking Research Utilization in the Built Environment: A Critical Look at Push and Pull Factors” in Badu, E., Ayarkwa, J., Ahadzie, D., Adinyira, E., Owusu-Manu, D., and Kwofie, T. (Ed.), <i>Proceedings of 4<sup>th</sup> International Conference on Infrastructure Development in Africa</i> , 25-26 March, 2015, College of Art and Built Environment/KNUST, Kumasi-Ghana, pp. 566-582 (ISSN-2026-6650)
23. <b>Owusu-Manu, D.</b> , Badu, E., Yeboah, A., Darko, A. (2015), “Perspectives of Construction Business Marketing Strategies of SME Contracting Firms in Ghana” in Badu, E., Ayarkwa, J., Ahadzie, D., Adinyira, E., Owusu-Manu, D., and Kwofie, T. (Ed.), <i>Proceedings of 4<sup>th</sup> International Conference on Infrastructure Development in Africa</i> , 25-26 March, 2015, College of Art and Built Environment/KNUST, Kumasi-Ghana, pp. 641-659 (ISSN-2026-6650)
24. <b>Owusu-Manu, D.</b> , Antwi-Afari, M.F., and Fugar, F.D.K (2015), “Enablers and Outcome Factors of Technology Transfer Process in Developing Countries”, in Badu, E., Ayarkwa, J., Ahadzie, D., Adinyira, E., Owusu-Manu, D., and Kwofie, T. (Ed.), <i>Proceedings of 4<sup>th</sup> International Conference on Infrastructure Development in Africa</i> , 25-26 March, 2015, College of Art and Built Environment/KNUST, Kumasi-Ghana, pp. 583-601 (ISSN-2026-6650)
25. Moo, F., Ahadzie, D., <b>Owusu-Manu, D.</b> (2015), “A Conceptual Framework for Assessing the Growth Pattern of Small And Medium Scale Contractors in Northern Ghana”, in Badu, E., Ayarkwa, J., Ahadzie, D., Adinyira, E., Owusu-Manu, D., and

<p>Kwofie, T. (Ed.), <i>Proceedings of 4<sup>th</sup> International Conference on Infrastructure Development in Africa</i>, 25-26 March, 2015, College of Art and Built Environment/KNUST, Kumasi-Ghana, pp. 310-328 (ISSN-2026-6650)</p>
<p>26. <b>Owusu-Manu, D.</b>, Badu, E., Donkor-Hyiaman, K.A., and Donkor, S. (2015), “Anatomy of Factors Affecting Small Building Contractors Business Failure in Ghana” in Badu, E., Ayarkwa, J., Ahadzie, D., Adinyira, E., Owusu-Manu, D., and Kwofie, T. (Ed.), <i>Proceedings of 4<sup>th</sup> International Conference on Infrastructure Development in Africa</i>, 25-26 March, 2015, College of Art and Built Environment/KNUST, Kumasi-Ghana, pp. 693-719 (ISSN-2026-6650)</p>
<p>27. <b>Owusu-Manu, D.</b>, Badu, E., and Darko, A. (2015), “Perspectives of Construction Business Marketing: Exploring the Inherent Challenges of Marketing Strategies of SME Contracting Firms in Ghana” <i>In: Laryea, S. and Leiringer R. (Eds) Procs 6th West Africa Built Environment Research (WABER) Conference</i>, 10-12 August 2015, Accra, Ghana, 921-938.</p>
<p>28. <b>Owusu-Manu, D.</b>, Badu, E., Agyekum, K., and Akom, J.B. (2015), “Putting Research into Practice: Exploring the Inherent Challenges of Research Uptake in the Built Environment Faculties in Ghana” <i>In: Laryea, S. and Leiringer R. (Eds) Procs 6th West Africa Built Environment Research (WABER) Conference</i>, 10-12 August 2015, Accra, Ghana, 993-1011</p>
<p>29. <b>Owusu-Manu, D.</b>, Edwards, D.J., Badu, E., Dogbegah, R. and Opoku, D.J. (2015), “Contextualizing Global Mindset: The case of Multinational Construction (MNC) Firms in Ghana” in Musonda, I. (Ed.), <i>Proceedings of D-II 2015 Conference on Infrastructure Development and Investment Strategies in Africa</i> 16-18 September 2015, Livingstone, Zambia ISBN: 978-0-86970-787-6</p>
<p>30. Opoku, D.J., Dogbegah, R., and <b>Owusu-Manu, D.</b>, “The Phenomenon of Global Mindset of Multinational Construction (MNCs) Firms in Ghana: Exploring the Lenses of Challenges and Strategic Gains” <i>Proceedings of 12th International Conference OTMC on Organization, Technology and Management in Construction (OTMC 2015)</i> Sept 02-05, 2015; Primošten, Croatia</p>
<p>31. <b>Owusu-Manu, D.</b>, Addo, B., Donkor-Hyiaman, K.A., and Edwards, D.J. (2015), “Infrastructure Regeneration and Transition in Property Commercialization in Developing Countries: Case Study of Kumasi” in Gavu, K. (Ed.), <i>Proceedings of 15th Africa Real Estate Society (AfRES) 2015 Conference</i> 131<sup>st</sup> August 2015 -5<sup>th</sup> September 2015, Golden Tulip Kumasi City Hotel, Kumasi-Ghana</p>
<p>32. Badu, E. and <b>Owusu-Manu, D.</b> and Adinyira, E. (2010), “Exploring the Contextual and Logical Dimensions of Procurement Management Curriculum (PMC)” <i>In: Fugar and Adinyira (Eds) Procs 1<sup>st</sup> International Postgraduate Conference on Built Environment</i>, 3-4<sup>th</sup> June 2010, Kwame Nkrumah University of Science and Technology, Faculty of Architecture and Building Technology, Vol. 1, pp 144-173, ISBN: 978-9988-1-3859-2</p>
<p>33. <b>Owusu, M.D.</b>, Badu, E. and Edwards, D.J. (2008), “Equipment Acquisition Finance Practices of Large Construction Contractors Operating in Ghana: Problems and Strategies for Improvement”. <i>In: Marx, H. (Ed) Procs CIDB Conference</i>, 16-18 March, University of Free State, Bloemfontein-South Africa Construction Industry Development Board (CIDB).</p>
<p>34. <b>Owusu, M.D.</b>, Edwards, D.J, Badu, E., and Adjei-Kumi, T. (2007), “Methodological Issues Related to Firms Financing Research”. <i>In: Fadare Wale and Abiodun Adesanya (Eds) Procs International Conference on Sustainable Built &amp; Natural Environment</i>, 17 -19 January, Obafemi Awolowo University, Ile-Ife, Nigeria. Faculty of Environmental Design &amp; Management, Vol.1 Pp 91-101</p>

35. <b>Owusu, M.D.</b> , Badu, E., Edwards, D.J, and Adjei-Kumi, T. (2007), “Towards Bridging the “Financing Gap” in Construction Firms in Ghana with Special Reference to Capital Equipment Acquisition Finance”. <i>In: Hughes, W (Ed) Procs 25th Construction Management and Economics Conference Proceedings</i> , 16-18 July, University of Reading, UK. <i>Construction Management &amp; Economics</i> , Vol. 2
36. <b>Owusu, M.D.</b> , Badu, E., Edwards, D.J, and Adjei-Kumi, T. (2007), “Finance for Non-Financial Construction Managers: Empirical Analysis of Financial Variables that Influence Acquisition Decision-Making Process”. <i>In: Boyd, D (Ed) Procs 23<sup>rd</sup> ARCOM Annual Conference</i> , 3 -5 September 2007, University of Ulster, Belfast UK. <i>Association of Researchers in Construction Management</i> , Vol.2, Pp 567-576
37. <b>Owusu, M.D.</b> , Badu, E., Edwards, D.J. (2007), “Empirical Analysis of Construction Managers’ Proficiency in Financial Decision-Making”. <i>In: Egbu, C. O and Tong, M.K.L (Eds) Procs 3<sup>rd</sup> Scottish Conference for Postgraduate Researchers in the Built &amp; Natural Environment (PRoBE)</i> , 20-22 November 2007, Glasgow Caledonian University, Glasgow, Scotland, UK, Pp. 391-400
<b>(G) Seminar/Workshop Papers (unpublished)</b>
1. <b>Owusu, M.D.</b> and Adinyira, E. (2008), “Researching “Building Production Processes” Methodological Perspective”, <i>In: Olusola, K.O &amp; Ata, O. (Eds.) Technical Paper, Proceedings of 3rd National Workshop, 25th -26th June 2008</i> . The Nigerian Institute of Building (NIOB), Department of Building, Obafemi Awolowo University, Nigeria
<b>(H) Keynote and Discussion Papers (unpublished)</b>
1. Badu, E. and <b>Owusu-Manu, D.</b> (2010), “Advancing Ghana’s Rural Economy through Strategic Policy Improvements within National Development Context”, Keynote paper delivered at the 2 <sup>nd</sup> Annual Public Lecture Series on National Development. Organized by Sunyani Polytechnic
2. Osei-Tutu, E. and <b>Owusu, M.D.</b> (2009), “Emerging Oil and Gas Industry: Opportunities and Challenges for the Surveying Profession” Discussion Paper: Working Paper Series, Paper No. 1, Discussion paper submitted to and delivered at the Ghana Institution of Surveyors’ Joint Continuing Professional Development
3. Fugar, F.D.K, <b>Owusu-Manu, D.</b> and Adinyira, E (2009), “Future Activity Phase and Shift in Dynamism of the Ghanaian Construction Industry”, Keynote paper delivered at the 6 <sup>th</sup> Postgraduate Conference on Construction Industry Development Organized by Construction Industry Development Board (CIDB), Johannesburg, South Africa 6 – 8 September 2009
<b>(I) Specialized Consultancy Reports (unpublished)</b>
1. <b>Owusu-Manu, D.</b> , (2016), Report on Training and Capacity Building of Key Staff and Community Stakeholders at Prestea Huni Valley District Assembly
2. <b>Owusu-Manu, D.</b> , and <b>Ofori-Asamoah</b> (2016), Report on Survey on Needs Assessment and Risk Profiling of Mining Communities at Prestea Huni Valley District Assembly
3. <b>Ofori, G.</b> , <b>Owusu, M.D.</b> , <b>Adesi, M.</b> , and <b>Donkor-Hyiaman, K.A.</b> (2014), “Study On Regulatory and Development Agency for Construction Industry in Ghana ( <i>Report Available</i> )
4. <b>Owusu, M.D.</b> (2009), “Development of Core Business Value Streams for All-Time Capital Investments Limited, Accra”, for Business Restructuring, Expansion and Diversification of Portfolio ( <i>Report Available</i> )

5. <b>Owusu-Manu, D.</b> Adinyira, E., Ohene-Asiedu, R., and Adaaku, E. (2005), “Impact Assessment Report for Asanteman Council’s: Promoting Partnerships with Tradition Authorities Project (PPTAP) in 40 communities in the Ashanti Region of Ghana”, World Bank Sponsored Project for Otumfuo Osei-Tutu II (Report Available)
(J) <b>Working Documents and Proposals</b> ( <i>unpublished</i> )
1. <b>Owusu-Manu, D.</b> , (2016), Proposal for the establishment of the Department of Educational Innovations in Science and Technology at the College of Art and Built Environment, KNUST.
2. <b>Owusu-Manu, D.</b> , (2016), Proposal for the establishment of the Doctoral Centre for Interdisciplinary Research and Innovations at the College of Art and Built Environment, KNUST.
3. <b>Owusu-Manu, D.</b> , (2011), Proposal for the establishment of Built Environment Innovation and Entrepreneurship Platform (BEIEP) at the College of Architecture and Planning, KNUST. The Proposal is endorsed by the Provost of CAP (November 2011)
4. <b>Owusu-Manu, D.</b> , (2011), Proposal for the Creation and Joint Publication of International Journal of Built Environment and Engineering (ISSN: 2026-5409, NMC/C.I 39/09/940) at the College of Architecture and Planning, KNUST.
5. Badu, E., and <b>Owusu-Manu, D.</b> (2011), Proposal for the Appointment of Visiting Professors at the Department of Building Technology, College of Architecture and Planning, KNUST.
6. Badu, E., and <b>Owusu-Manu, D.</b> (2011), Proposal for the Creation of Chair of Construction Management at the Department of Building Technology, College of Architecture and Planning, KNUST
7. Badu, E., and <b>Owusu-Manu, D.</b> (2011), Proposal for the establishment of CAP Research Endowment Fund at the College of Architecture and Planning, KNUST
8. <b>Owusu-Manu, D.</b> (2011), Proposal for the establishment of International Centre for Short Programmes and Executive Development (ICSP-ED) at the Institute of Distance Learning, KNUST
9. <b>Owusu-Manu, D.</b> , and Afrane, S. (2011), Proposal for the establishment of KNUST Vision Actualization Laboratory (KVAL) at the College of Arts and Social Sciences, KNUST
10. <b>Owusu-Manu, D.</b> , and Afrane, S. (2011), Proposal for the establishment of Centre for Interdisciplinary Research & Innovation (CIRI) College of Arts and Social Sciences, KNUST
11. <b>Owusu-Manu, D.</b> , and Badu, E. (2010), Proposal for the establishment of Centre for Innovations, Industrial and Institutional Collaborations (CIIC), College of Architecture and Planning, KNUST
12. <b>Owusu-Manu, D.</b> , (2010), Proposal for the establishment of Curriculum, Innovation Development and Marketing Unit (CIDMU) at the Institute of Distance Learning, KNUST

## Editorial Records:

1. <b>Editor</b> , Journal of Built Environment, Powered by College of Art and Built Environment, KNUST, <b>ISSN 2026–5409, 2017 to Date</b>
2. <b>Editor-In-Chief</b> , Journal of Environment and Sustainable Development, Powered by Construction Industry Development Institute, <b>ISSN 2026–5411, 2017 to Date</b>
3. <b>Board of Academic Advisory Committee Member</b> , Research Centre of Sustainable Development, <i>International Symposium on Sustainable Development of Building Services Engineering</i> , the Hong Kong Polytechnic University (December 2011), <b>2011(Dec) to Date</b>
4. <b>Editorial Advisory Board Member</b> , <i>International Journal of Construction Management and Innovation</i> , University of Johannesburg, South Africa, November 2011, <b>2011(Oct) to Date</b>
5. <b>Editorial Advisory Board Member</b> , <i>Journal of Financial Management of Property and Construction</i> , ISSN: 1366-4387, University of Central Lancaster, UK, Emerald Publishing, UK, and October 2011, <b>2011(Oct) to Date</b>

## Policy Development Engagements:

<p><b>Team Leader/Member Consultant</b></p> <p>Consultants/Committee to develop various governance structures and policies for educational institutions including the Institute of Distance Learning of the Kwame Nkrumah University of Science and Technology: Key policies and governance structures developed include:</p>
1. Develop admissions and thesis guide/policy for postgraduate programmes at the Institute of Distance Learning, KNUST.
2. Develop customized framework for delivering postgraduate programmes for the Institute of Distance Learning, KNUST
3. Develop financial remuneration policy (determine appropriate remuneration) for thesis/research supervision for the Institute of Distance Learning, KNUST
4. Conduct scenario analysis for the Joint IDL/Departmental Parallel programmes at City Campus in Accra
5. Conduct financial efficiency and Sustainability analysis for postgraduate and undergraduate programmes for the Institute of Distance Learning, KNUST
6. Determine the relationship between the Institute of Distance Learning and affiliate Departments, KNUST
7. Develop synchronized policy framework for the Institute of Distance Learning, KNUST
8. Develop vote accounting and cost sharing policies for the Institute of Distance Learning of KNUST
9. Develop All-In Risk policy framework for the Institute of Distance Learning of KNUST

**Research Projects and Students Supervision (Current and Completed)**

SN	Title of Project	Status	Supervisors
<b>A. PhD Construction/Project Management</b>			
1.	Exit Strategies and Business Continuity Responses of Moral Hazard Related Causalities of PPP Projects <i>(Emmanuel Ofori Yeboah, 2019-date)</i>	On-going	<ul style="list-style-type: none"> <li>• Prof. Edward Badu</li> <li>• Prof. De-Graft Owusu-Manu</li> </ul>
2.	A Framework for Financing Community Road Infrastructure Development <i>(Paul Kofi Mensah, 2019 to date)</i>	On-going	<ul style="list-style-type: none"> <li>• Prof. Bernard Baiden</li> <li>• Prof. De-Graft Owusu-Manu</li> </ul>
3.	Development of Project-Based Learning Framework for Project Management Professionals in Ghana <i>(Francis Grubie, 2019 to date)</i>	On-going	<ul style="list-style-type: none"> <li>• Prof. Edward Badu</li> <li>• Prof. De-Graft Owusu-Manu</li> </ul>
4.	An Exploration of Working Capital Management Practices in the Construction Industry of Ghana <i>(Emmanuel Asare, 2018 to date)</i>	On-going	<ul style="list-style-type: none"> <li>• Prof. Joshua Ayarkwa</li> <li>• Prof. De-Graft Owusu-Manu</li> </ul>
5.	Risk Allocation Model For Public Private Partnership (PPP) Power Projects In Ghana <i>(Augustine Senanu Komla Kukah, 2017- date)</i>	On-going	<ul style="list-style-type: none"> <li>• Prof. Edward Badu</li> <li>• Prof. De-Graft Owusu-Manu</li> </ul>
6.	Building A Framework for Succession Planning for Medium and Small-Scale Enterprises in the Construction Industry In Ghana <i>(Anzagira, Che Andrews, 2017 - date)</i>	On-going	<ul style="list-style-type: none"> <li>• Prof. Edward Badu</li> <li>• Prof. De-Graft Owusu-Manu</li> </ul>
<b>B. MPhil Construction/Procurement Management</b>			
1.	Development of Technology Adoption Framework of Smart Building Technologies (SBTS) In the Ghanaian Construction Industry (Frank Ato Ghansah, 2020)	Completed	<ul style="list-style-type: none"> <li>• Prof. De-Graft Owusu-Manu</li> </ul>
2.	Exploratory Analysis of Green Business Models Adoption In The Ghanaian Construction Industry (Theophilus Lamptey, 2020)	Completed	<ul style="list-style-type: none"> <li>• Prof. De-Graft Owusu-Manu</li> </ul>
3.	An Assessment of Environmental Sustainability Compliance In Public Procurement of Works In Ghana (Andrew Anafo, 2019)	Completed	<ul style="list-style-type: none"> <li>• Prof. De-Graft Owusu-Manu</li> </ul>
4.	A Generic Framework for Consultancy Pricing: The Case of Quantity Surveying Practice (Adesi Michael, 2015)	Completed	<ul style="list-style-type: none"> <li>• Prof. De-Graft Owusu-Manu</li> </ul>

5.	Development of a Framework for Technology Transfer Partnerships in the Ghanaian Construction Industry (Maxwell Afari Antwi, 2015)	Completed	• Prof. De-Graft Owusu-Manu
6.	The Effect of Foreign Direct Investment (FDI) on Infrastructure Development in Ghana (Anas Mohammed, 2016)	Completed	• Prof. De-Graft Owusu-Manu
7.	Investigating the Causal Relationships and Effects of Moral Hazard and Adverse Selection On Public-Private-Partnership Construction Projects (Augustine Senuna Komla Kukah, 2016)	Completed	• Prof. De-Graft Owusu-Manu
8.	An Investigation into Construction Related Foreign Direct Investment and Technology Spillovers (Kenneth Wonder Tsinyo, 2016)	Completed	• Prof. De-Graft Owusu-Manu
9.	A Study of the Effects of Moral Hazard on Project Performance in Public Private Partnership Projects (Emmanuel Ofori Yeboah, 2017)	Completed	• Prof. De-Graft Owusu-Manu
<b>C. MPhil Business Consulting and Enterprise Risk Management</b>			
1.	<i>Share Pricing and Impact On Financial Performance Of Selected Rural And Community Banks (RCBS) In Ghana</i> (Robert DonalDY, 2015)	Completed	• Prof. De-Graft Owusu-Manu
2.	<i>Corporate Governance Practice Of Built Environment Consulting Firms</i> (Frank Boateng, 2015)	Completed	• Prof. De-Graft Owusu-Manu
3.	<i>Development of a Conceptual Framework for Learning and Knowledge Transfer: Consultant-Client Social Exchanges Perspective</i> (Michael Darko, 2015)	Completed	• Prof. De-Graft Owusu-Manu
4.	<i>Exploring Corporate Social Responsibility (CSR) Practices of Small and Medium-Sized Enterprises in the Construction Industry Of Ghana</i> (Ato Insaideo, 2016)	Completed	• Prof. De-Graft Owusu-Manu
5.	<i>Evaluating the Effect of Mobile Technology and its Acceptance on Money Transfer In Greater Accra Region of Ghana</i> (Boaz Owiredo, 2016)	Completed	• Prof. De-Graft Owusu-Manu
6.	<i>Development of an Apposite Framework for the Improvement of the Ghana Alternative Market (GAX) of the Ghana Stock Exchange</i> (Matthew Amevor, 2016)	Completed	• Prof. De-Graft Owusu-Manu
7.	<i>Institutionalizing ERM in the Insurance Industry of Ghana: A Case Study of</i>	Completed	• Prof. De-Graft Owusu-Manu

	<i>Metropolitan Life Insurance</i> (Eric Akwete, 2016)		
8.	Assessing Third-Party/Outsourcing Risks In The Financial Services Sector of Ghana: A Case of Commercial Banks in the Banking Industry ( <i>Michael Johnson-Quartey, 2016</i> )	Completed	• Prof. De-Graft Owusu-Manu
9.	<i>An Assessment of Loan Default Propensity of Mortgage Finance: An Evidence from Low-Income Groups (LIG) In Ghana Pius</i> (Akanbang Abuntori, 2016)	Completed	• Prof. De-Graft Owusu-Manu
10.	<i>Financial assessment of waste to Energy Generation Potential in Ghana: A case study of the Kumasi metropolis</i> (Eugene Amo-Asamoah, 2017)	Completed	• Prof. De-Graft Owusu-Manu
11.	<i>Determinants of retirement decision making of Construction workers</i> (Tetteh Daniel Odei, 2017)	Completed	• Prof. De-Graft Owusu-Manu
12.	<i>The impact of infrastructure development on Ghana's Economic Growth</i> (Adam Braimah Jehuri 2017)	Completed	• Prof. De-Graft Owusu-Manu
13.	<i>An assessment of career choice preferences of postgraduate students: Case study of selected distance postgraduate programs of IDL – KNUST. Gyarteng</i> (Mensah Henry, 2017)	Completed	• Prof. De-Graft Owusu-Manu
14.	<i>Assessing Service Quality Of Insurance Typologies In Complex Project Deals In The Construction Industry Of Ghana</i> (Ntim Danso Kofi, 2017)	Completed	• Prof. De-Graft Owusu-Manu
<b>D. MPhil Industrial Finance and Investments</b>			
1.	<i>Mortgage Market in Ghana: Nature, Risk Profiling and Mortgage Pricing Affordability</i> (Aboagye Alex, 2015)	Completed	• Prof. De-Graft Owusu-Manu
2.	Fuzzy Set Methodology of Assessing Critical Risk Factors Associated With Real Estate Development In Ghana ( <i>Anthony Adangabe, 2015</i> )	Completed	• Prof. De-Graft Owusu-Manu
3.	<i>Financial Viability of the Project Bond Initiative in Tourism Infrastructure Development In Ghana</i> (Azika Richard, 2015)	Completed	• Prof. De-Graft Owusu-Manu
4.	<i>Increasing Private Sector Investment Through Public Private Partnership (PPP) Framework In Energy Infrastructure Delivery In Ghana</i> (Elvis Kojo Kutin-Mensah, 2015)	Completed	• Prof. De-Graft Owusu-Manu



5.	<i>Exploring Project Finance Strategy for Real Estate Mega Projects in Ghana</i> (Nana Baidoo Okyir, 2015)	Completed	• Prof. De-Graft Owusu-Manu
6.	<i>An Assessment of the Contribution of Housing Features to Housing Pricing In Ghana</i> (Edmund Obiri-Yeboah, 2016)	Completed	• Prof. De-Graft Owusu-Manu
7.	<i>Exploring the Antecedents Of Road Infrastructure Financing in Ghana: The Issues Of Expenditure, Funding and Financing Alternatives</i> (Edward Opoku, 2016)	Completed	• Prof. De-Graft Owusu-Manu
8.	Evaluating the Effects of Credit Risk Management Procedures on the Financial Performance of Microfinance Institutions in Ghana: A Study of Greater Accra Metropolis ( <i>Bright Dortso, 2016</i> )	Completed	• Prof. De-Graft Owusu-Manu
9.	Financial Access, Economic Growth And Poverty Reduction In Sub-Saharan Africa ( <i>Nsiah Richard, 2017</i> )	Completed	• Prof. De-Graft Owusu-Manu
<b>MSc. Construction/Project/Procurement Management/CEMBA/OTHERS</b>			
1.	<i>Evaluating Risks in Public-Private Partnership on Construction Infrastructure Projects in Ghana</i> (Abubakari Mohammed, 2018).	<i>On-going</i>	• Prof. De-Graft Owusu-Manu
2.	<i>Project Initiation Procedures of Multinational Companies: The Case Study of Guinness Ghana Breweries Ltd</i> (Augustina Oduro, 2017).	<i>Completed</i>	• Prof. De-Graft Owusu-Manu
3.	<i>Causes of Project Failure Among Organisations in Ghana: A Case Study of Societe Generale</i> (Adwoa Antwiwah Frimpong, 2017).	<i>Completed</i>	• Prof. De-Graft Owusu-Manu
4.	<i>An Investigation into the Underlying Causes of Contractual Claims Failure Among Local Construction Firms in Ghana</i> (Albert Owusu Agyemang, 2017).	<i>Completed</i>	• Prof. De-Graft Owusu-Manu
5.	<i>Exploring the Potential Innovations in Contractor Insurance Options in the Construction Industry of Ghana</i> (Samuel Oppong Sarpong, 2016).	<i>Completed</i>	• Prof. De-Graft Owusu-Manu
6.	<i>Exploring Alternative Innovative Sources of Funding Rural Infrastructure Projects in Ghana</i> (Saeed Bisarat Ahmed, 2016).	<i>Completed</i>	• Prof. De-Graft Owusu-Manu
7.	<i>Exploring Strategic Influences Underpinning Foreign Direct Investment (FDI) Projects and</i>	<i>Completed</i>	• Prof. De-Graft Owusu-Manu

	<i>International Subcontracting</i> (Amenano Kwabena Gilbert, 2015).		
8.	<i>Comparative Estimation of the Impact of Transaction Cost of Traditional and Design-Build Procurement Systems in Public Construction Works</i> (Joseph Dadzie, 2015).	<i>Completed</i>	• Prof. De-Graft Owusu-Manu
9.	<i>Development of a Framework for Entrepreneurial Learning in Technical Education</i> (Bartholomew Amponsah, 2015).	<i>Completed</i>	• Prof. De-Graft Owusu-Manu
10.	<i>Clients Perception Towards the Establishment of Construction Industry Development Agency in Ghana</i> (Charles Legbedze, 2014).	<i>Completed</i>	• Prof. De-Graft Owusu-Manu
11.	<i>Supply Chain Management Practices of Road Construction Firms in Ghana</i> (Philip Kyei Kwasi, 2014).	<i>Completed</i>	• Prof. De-Graft Owusu-Manu
12.	<i>Framework for Risk Assessment at the Design Phase of Construction projects in Ghana</i> (Maurice Azochiman Awuni, 2013)	<i>Completed</i>	• Prof. De-Graft Owusu-Manu
13.	<i>Financial Distress Related Causes of Project Delay in the Ghanaian Construction Industry</i> (Asante Joyceline Annoa, 2013).	<i>Completed</i>	• Prof. De-Graft Owusu-Manu
14.	<i>Exploratory Study of the Potential of Public Private Partnership (PPP) Application in Road Infrastructure Delivery in Ghana</i> (Daniel Adoboah, 2013).	<i>Complete</i>	• Prof. De-Graft Owusu-Manu
15.	<i>An Investigation into Alternative Approaches of Financing Roads Maintenance: A Case Study of Urban Roads, Kumasi</i> (Theodore Okai Quaye, 2012).	<i>Completed</i>	• Prof. De-Graft Owusu-Manu
16.	<i>Determinants of Service Pricing Strategy: The Perspective of Quantity Surveying Practicing Firms in Ghana</i> (Benedicta Kusi, 2012).	<i>Completed</i>	• Prof. De-Graft Owusu-Manu
17.	<i>Determinants of Business Failure: The Perspective of SMEs Building Contractors in the Ghanaian Construction Industry</i> (Samuel Donkor, 2011).	<i>Completed</i>	• Prof. De-Graft Owusu-Manu
18.	<i>Strategic Issues of Innovative Financing of Infrastructure Project Delivery</i> (Osei-Hwedie, Mark, 2010).	<i>Completed</i>	• Prof. De-Graft Owusu-Manu
<b>BSc BT/Construction Management/Quantity Surveying and Construction Economics</b>			
1.	<i>An Assessment of the Potential of Project Bond Initiative in Energy Infrastructure Financing</i> (Ebenezer Ayidana, 2018).	<i>Completed</i>	• Prof. De-Graft Owusu-Manu

2.	<i>Empirical Analysis of Sustainable Practices of Financial Performance of Large Construction Firms in Ghana</i> (Florence Dadzoe, 2018)	<i>Completed</i>	<ul style="list-style-type: none"> <li>• Prof. De-Graft Owusu-Manu</li> </ul>
3.	<i>Developing a Framework for Innovation Adoption in Ghanaian Quantity Surveying Firms</i> (Frank Ato Ghansah, 2017).	<i>Completed</i>	<ul style="list-style-type: none"> <li>• Prof. De-Graft Owusu-Manu</li> </ul>
4.	<i>Empirical Assessment of Financial Options Available to Social Entrepreneurs in the Ghanaian Construction Industry</i> (Joshua Amo-Larbi, 2017).	<i>Completed</i>	<ul style="list-style-type: none"> <li>• Prof. De-Graft Owusu-Manu</li> </ul>
5.	<i>An Exploratory Investigation of Attribution Factors and Expectations of Innovation Champions of Quantity Surveying Firms in Ghana</i> (Prince Antwi-Afari, 2017)	<i>Completed</i>	<ul style="list-style-type: none"> <li>• Prof. De-Graft Owusu-Manu</li> </ul>
6.	<i>Exploring the Impact and Challenges in the Implementation of Survival Strategies of Built Environment Consulting Firms in Ghana</i> (Juliet Owusu-Boadi, 2016).	<i>Completed</i>	<ul style="list-style-type: none"> <li>• Prof. De-Graft Owusu-Manu</li> </ul>
7.	<i>Examining the Attribution Factors of Academic Quality Disparity: Comparative Analysis of Young and Matured Construction Post Graduate Students</i> (Daniel Agyemang Yamoah, 2016).	<i>Completed</i>	<ul style="list-style-type: none"> <li>• Prof. De-Graft Owusu-Manu</li> </ul>
8.	<i>Empirical Assessment of Ghanaian Construction Industry Consultancy Services Innovation Practices: The Perspective of Quantity Surveying Firms</i> (Alex Torku, 2016).	<i>Completed</i>	<ul style="list-style-type: none"> <li>• Prof. De-Graft Owusu-Manu</li> </ul>
9.	<i>Factors Influencing Donor Decisions on Foreign Direct Investment for Infrastructure Development in Donor Dependent Economies</i> (Perfect Akakpoh Dziedzorm, 2015).	<i>Completed</i>	<ul style="list-style-type: none"> <li>• Prof. De-Graft Owusu-Manu</li> </ul>
10.	<i>Entrepreneurial Intentions and Factors Influencing Entrepreneurial Decisions of Undergraduate Construction Students in Ghana</i> (Amma Boa-Amponsem, 2015)	<i>Completed</i>	<ul style="list-style-type: none"> <li>• Prof. De-Graft Owusu-Manu</li> </ul>
11.	<i>Investigating the Causal Relationships Between the Causes of and Vulnerabilities to Corruption in The Ghanaian Construction Public Sector</i> (Kingsford Owusu Emmanuel, 2015).	<i>Completed</i>	<ul style="list-style-type: none"> <li>• Prof. De-Graft Owusu-Manu</li> </ul>
12.	<i>A Study into the Research Uptake Strategies in the Built Environment Faculties</i> (Akom Joshua Boateng, 2014).	<i>Completed</i>	<ul style="list-style-type: none"> <li>• Prof. De-Graft Owusu-Manu</li> </ul>
13.	<i>Exploring Innovative Sustainable Financing Approaches of the Construction Industry</i>	<i>Completed</i>	<ul style="list-style-type: none"> <li>• Prof. De-Graft Owusu-Manu</li> </ul>

	<i>Development Agencies</i> (Grace Oforiwaa Arhinful, 2014).		
14.	<i>Exploratory Investigation of Marketing Strategies of SME Contracting Firms in Ghana</i> (Amos Darko, 2014)	<i>Completed</i>	• Prof. De-Graft Owusu-Manu
15.	<i>Exploring Innovative Financing Mechanisms for Delivering Sanitation Infrastructure in Ghana</i> (Joseph Kwamena Mensah, 2013)	<i>Completed</i>	• Prof. De-Graft Owusu-Manu
16.	<i>Innovative Strategies for Pricing Construction Contracts: The Ghanaian Contractor in Perspective</i> (Augustine Senanu Komla Kukah, 2013).	<i>Completed</i>	• Prof. De-Graft Owusu-Manu
17.	<i>Incremental and Capital Financing of Private Housing Development in Ghana</i> (Denis Kusi Kyere, 2012).	<i>Completed</i>	• Prof. De-Graft Owusu-Manu
18.	<i>Management Innovations in the Ghanaian Construction Consultancy Industry</i> (Rhoda Ansah Quaigrain, 2012).	<i>Completed</i>	• Prof. De-Graft Owusu-Manu
19.	<i>Exploration of the Entrepreneurship Development Potential in the Ghanaian Construction Industry: Trend, Barriers and Interventions</i> (Okyere Samuel, 2011).	<i>Completed</i>	• Prof. De-Graft Owusu-Manu
20.	<i>Incentive Systems for Rural Construction Contracting</i> (Adesi Michael, 2011).	<i>Completed</i>	• Prof. De-Graft Owusu-Manu
21.	<i>Asset Structure of Small and Medium Construction Firms: Implications on Project and Firm Performance</i> (Azinim Ateawine Marshall, 2010).	<i>Completed</i>	• Prof. De-Graft Owusu-Manu
22.	<i>Obstacles to Infrastructure Financing in the Public Sector: The Case of Urban Road Projects</i> (Michael Nii Addy, 2010).	<i>Completed</i>	• Prof. De-Graft Owusu-Manu

## **Records of Service to the Community**

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### **A. University Community**

**Feb 2018 – date:** Member, CAFE rationalization Committee, College of Art and Built Environment/KNUST

**Mar. 2017 – date:** Convener/Facilitator. College of Art and Built Environment/KNUST and University of Illinois at Urbana Champaign Collaboration

**Mar. 2017 – date:** Fellow: Republic Hall

- Feb 2017 – date:** Member, Curriculum Development and Local Accreditation Committee  
College of Art and Built Environment/KNUST
- Jan. 2017 – date:** Editor. Journal of Built Environment, College of Art and Built  
Environment/KNUST
- Aug. 2016 – date:** Secretary and Member of Planning and Organizing Committee. 6<sup>th</sup>  
International Conference on Infrastructure Development in Africa slated  
in March 2017 (ICIDA 2017) by the College of Art and Built  
Environment, KNUST
- Aug. 2016 – date:** Editorial Board Member of the Journal of Built Environment. College of  
Art and Built Environment, KNUST
- Sept. 2016 – date:** Member of Curriculum Development Committee., Department of  
Building technology, Faculty of Built Environment, College of Art and  
Built Environment, KNUST
- Sept. 2016 – date:** Member of Committee for the Development of Short Executive Courses.,  
College of Art and Built Environment, KNUST
- Sept. 2016 – date:** Member of Oversight Responsibility Team: Committee for Policy  
Implementation, Monitoring and Evaluation of the College of Art and  
Built Environment, KNUST
- Sept. 2016 – date:** Member of Committee for the Establishment of Department of  
Educational Innovations in Science and Technology for the College of  
Art and Built Environment, KNUST
- Sept. 2016 – date:** Member of Committee for the Establishment of Doctoral Centre for  
Interdisciplinary Research and Innovation for the College of Art and  
Built Environment, KNUST
- Aug. 2016** **Chairman/Member**, Committee Appointed to Develop Financial  
Remuneration Policy (determine Appropriate Remuneration) for  
Thesis/Research Supervision for the Institute of Distance Learning,  
KNUST
- June 2016** **Chairman/Member**, Committee Appointed to Develop Customized  
Model/Framework for Delivering Postgraduate Programmes for the  
Institute of Distance Learning, KNUST
- June 2016** **Chairman/Member**, Committee Appointed to Develop Admissions and  
Thesis Guide/Policy for Postgraduate Programmes at the Institute of  
Distance Learning, KNUST.
- Jan. 2016** **Chairman/Member**, Committee Appointed to Conduct Scenario  
Analysis for the Joint IDL/Departmental Parallel Programmes at City  
Campus in Accra

- Jan 2016**                    **Member**, Committee on Access and Accelerated Bachelor's Degree Programmes, Institute of Distance Learning, KNUST
- June 2015**                    **Member**, Committee Appointed to Conduct Financial Efficiency and Sustainability Analysis for Postgraduate and Undergraduate Programmes for the Institute of Distance Learning, KNUST
- June 2015**                    **Member**, Committee Appointed to Determine the Relationship between the Institute of Distance Learning and Affiliate Departments, KNUST
- June 2015**                    **Member**, Committee Appointed to Conduct Financial Efficiency and Sustainability Analysis for Postgraduate and Undergraduate Programmes for the Institute of Distance Learning, KNUST
- Jan 2015**                    **Member**, Strategic Planning Committee, Department of Building Technology, KNUST
- Dec 2014-2016**              **College Cognate Representative on the Board of Collage of Art and Social Sciences**
- June 2014**                    **Member**, Committee Appointed to develop synchronized Policy Framework for the Institute of Distance Learning, KNUST
- Oct. 2013-2014**              Appointment on Committee on Expression of Interest for Advancing Early career Research in Africa Project
- July 2013 to date**            **Programme Coordinator**, MPhil/MSc Business Consulting and Enterprise Risk Management, Institute of Distance Learning, KNUST
- July 2013 to date**            **Undergraduate Research Coordinator**, Department of Building Technology, KNUST
- July 2015 to Aug. 2016** **Postgraduate Research Coordinator**, Department of Building Technology, KNUST
- Feb. 2013 to Aug. 2016** **Innovations Coordinator**, Centre for Innovations, Institutional and Industrial Collaborations, College of Architecture and Planning, KNUST
- Aug. 2013 to June 2015** **Programme Coordinator**, MPhil/MSc Educational Innovations and Leadership Science, Institute of Distance Learning, KNUST
- May 2012:**                    Independent Reviewer; Strategic Development Plan (IDL PLAN 2K16) Institute of Distance Learning, KNUST-Kumasi
- March – Sept 2011:** Examination Officer, Institute of Distance Learning (Department of Building Technology), KNUST
- April 2011 – Mar 2012:** Secretary and Member of Planning and Organizing Committee. 1<sup>st</sup> International Conference on Infrastructure Development in Africa slated in March 2012 (ICIDA 2012) by the College of Architecture and Planning, KNUST

- March 2011:** Course Writers Coordinator: Appointed by the Dean of Institute of Distance Learning to coordinate course writers for the MSc Procurement Management
- Feb 2011 – date:** Year Master. BSc Quantity Surveying and Construction Economics (2<sup>nd</sup> Year), Department of Building Technology, KNUST
- Feb 2011 – date:** Academic Tutor. Department of Building Technology, KNUST
- Jan. 2011–date** Member, Curriculum, Innovation Development and Marketing Unit (CIDMU), Institute of Distance Learning, KNUST
- Nov. 2010–date** Member of the Committee Appointed to advise on the Development of Offshore Campus for the KNUST within and beyond Africa sub-region
- Nov. 2010–date** Institutional Coordinator, Centre for Innovations, Institutional and Industrial Collaborations, College of Architecture and Planning, KNUST
- August 2010- 2011** Assistant Examination Officer, Department of Building Technology, KNUST
- August 2010- date** Internal Examiner, CEMBA/CEMPA Programme, Institute of Distance Learning, KNUST
- July 2010–2011** Industrial Liaison Officer, Department of Building Technology, KNUST
- Jun. 2010 –2011** Service Lecturer, Department of Architecture, Kwame Nkrumah University of Science and Technology, Kumasi – Ghana
- Sept. 2009–2010:** Member, Fundraising Committee appointed by the Provost to raise money to furnish the Postgraduate Block at the College of Architecture and Planning, KNUST-Kumasi
- Jun. 2009- date:** Facilitator, Institute of Distance Learning, Kwame Nkrumah University of Science and Technology, Kumasi – Ghana
- Sept. 09–Feb 10:** Member, Committee for Planning and Organizing the Inauguration and Commission of the Postgraduate Block at the College of Architecture and Planning, KNUST-Kumasi
- Sept. 2009 – 2011:** Assistant Examination Officer, Faculty of Architecture and Building Technology, KNUST-Kumasi
- Sept. 2009 – 2011:** Member, Committee for Planning and Organizing of 1<sup>st</sup> Postgraduate Research Conference on the Built Environment in 2010. Organized by the Faculty of Architecture and Building Technology, KNUST
- June 2009 – date:** Member, Departmental Board, Department of Building Technology

**Feb – May 2009:** Member, Committee for Planning and Organizing 1<sup>st</sup> Awards and Honours Day for the Faculty of Architecture and Building Technology, KNUST-Kumasi

**B. National Community**

- Mar 2017-** **External Examiner/Assessor**, Koforidua Technical University, Koforidua
- Jan 2017 -** **Publicity Secretary**, Ghana Institute of Construction
- Nov. 2016-** **Resource Person/Facilitator**, DAAD Alumni Webinar, Study and Research in Germany
- Feb 2016** **Member**, Research, Education, Conference and Publication Committee, Ghana Institute of Construction
- Aug 2015** **Chairman**, Committee appointed by GIOC National Council Executives to draft the GIOC position on recent development in the Ghanaian Construction Industry
- March 2014 to date** **External Examiner/Assessor**, College of Technology Education, University College of Education, Winneba
- March 2013 to date** **External Reviewer**, International Applied Research Conference, Organized by Koforidua Polytechnic
- March 2013** **Member**, Committee appointed by CIOB-Ghana and Ministry of Trade And Industry for International Study tour to Malaysia and Singapore to learn best practices towards the transformation of the local construction industry
- March 2012** **External Reviewer**, International Applied Research Conference, Organized by Koforidua Polytechnic
- January 2012** **External Examiner**, KAAF University College, Accra
- March 2011** **Reviewer**, Sunyani Polytechnic Lecture Series
- March 2010 to date** Member of Consultancy Coordinating Secretariat, KNUST: Ghana National Housing Project. Construction of 200,000 Housing Units to be constructed by Korean Government through STX Engineering and Construction Limited
- Jan 2010** **Facilitator**, Books Donation to Institute of Distance Learning –KUNST from Centre for African Resources Research and Development (CARRD), UK



**2010 - 2013 Reviewer**, Journal of Building and Road Research (JBRR), Council for Scientific and Industrial Research, Building and Road Research Institute, Kumasi-Ghana

**2010 - 2012 Reviewer**, Journal of Ghana Institution of Surveyors, Accra-Ghana

**Nov. 2009 Member**, Stakeholders Consultation Forum that reviewed and validated the 3 different Procurement Management Modules developed by Crown Star Agents under the auspices of MiDA/PPA, Funding provided by Millennium Challenge Account

**2008 to date President: Construction Industry Development Institute**. Co-founded this institution to spearhead research and the overall development of the Ghanaian construction industry

**2007 to date Vice President: Association of Graduate Entrepreneurs & Employers** Co-founded this institution for the promotion of Graduate Entrepreneurship and national development.

**2004 -2007 President: KNUST Doctoral Research Students Network** Co-founded the above-mentioned group for strategic coalition of Doctoral Researchers at KNUST

### **C. International Community**

**Jan 2017 to date Reviewer**, Engineering, Construction and Architectural Management Journal

**June 2015 to date Member**, Editorial Advisory Board of Mindanao Journal of Science and Technology

**Nov. 2014 to date Reviewer**, Journal of Engineering, Design and Technology, Emerald Publishers, UK

**Nov. 2015 to date Reviewer**, Journal of Facilities Management, Emerald Publishers, UK

**July 2013 Programme Committee Member**, CIB W107-2014 CIB W07-2014 International Council for Research and Innovation in Building and Construction Conference, University of Lagos, Nigeria

**July 2013 Scientific Review Committee Member**, CIB W107-2014 International Council for Research and Innovation in Building and Construction Conference, University of Lagos, Nigeria

**June 2013 Scientific Review Committee Member**, 8<sup>th</sup> CIDB Postgraduate Conference, University of Witwatersrand, South Africa

**2013 to Mar 2014 Scientific Review Committee Member**, 3<sup>rd</sup> International Conference on

Infrastructure Development in Africa slated in March 2013 (ICIDA 2014) to be organized by Bells University of Technology, Nigeria, the College of Architecture and Planning, KNUST and, University of Johannesburg, South Africa in Nigeria,

- 2012 to Mar 2013** Member of Planning and Organizing Committee, 2<sup>nd</sup> International Conference on Infrastructure Development in Africa slated in March 2013 (ICIDA 2013) organized by University of Johannesburg, the College of Architecture and Planning, KNUST and Bells University of technology, Nigeria in South Africa
- 2011 to date** **Reviewer**, Construction Management and Economics, University of Reading, UK, Taylor and Francis, UK
- 2011 to date** **External Examiner/Assessor**, University of Johannesburg, South Africa
- 2011 to date** **External Examiner/Assessor**, Nelson Mandela Metropolitan University, South Africa
- 2010 to date** **Technical Committee Member**, Plant and Equipment Management Innovation Conference (PEMIC) under the auspices of Birmingham City University, UK in collaboration with Off-Highway Plant and Equipment Research Centre (OPERC) UK
- 2010 to date** **Reviewer**, International Journal of Construction Project Management, Nova Science Publishers, USA
- 2009 to date** **Reviewer**, Journal of Financial Management of Property and Construction (2009), University of Central Lancaster, UK, Emerald Publishing, UK
- 2009 to date** **Reviewer**, Engineering, Construction and Architectural Management (2009), Loughborough University, UK, Emerald Publishing, UK
- 2009 - date** **Reviewer**, International Journal of Project Planning and Finance (IJPPF), Construction Industry Development Institute
- 2009 - 2010** **Reviewer**, West Africa Built Environment Research Workshop for Doctoral Students and Young Academics, Organized by University of Reading, UK (2009)
- 2009 to 2010** **Reviewer**, 6<sup>th</sup> Postgraduate Conference on Construction Industry Development Organized by Construction Industry Development Board (CIDB), Johannesburg, South Africa 6 – 8 September 2009

## **Editorial Records**

### **A. Journal Editor/Editorial Membership**

- 2017 to Date**      **Editor**, Journal of Built Environment, Powered by College of Art and Built Environment, KNUST, **ISSN 2026–5409**
- 2017 to Date**      **Editor-In-Chief**, Journal of Environment and Sustainable Development, Powered by Construction Industry Development Institute, **ISSN 2026–5411**
- 2017 to Date**      **Editor-In-Chief**, Journal of Construction Business, Property Investments and Finance. Powered by Construction Industry Development Institute, **ISSN 2026–5395**
- 2017 to Date**      **Editor-In-Chief**, Journal of Project and Procurement, Construction Industry Development Institute, CIDI formerly, *International Journal of Project Planning and Finance* (IJPPF), **ISSN: 2026- 5190**
- 2017 to Date**      **Editor-In-Chief**, Journal of Interdisciplinary Research and Innovation. Powered by Training Innovations and Technology Transfer Institute, **ISSN: 2026–5410**
- 2011(Dec) to Date**      **Board of Academic Advisory Committee Member**, Research Centre of Sustainable Development, *International Symposium on Sustainable Development of Building Services Engineering*, the Hong Kong Polytechnic University (December 2011)
- 2011(Oct) to Date**      **Editorial Advisory Board Member**, *International Journal of Construction Management and Innovation*, University of Johannesburg, South Africa, November 2011
- 2011(Oct) to Date**      **Editorial Advisory Board Member**, *Journal of Financial Management of Property and Construction*, ISSN: 1366-4387, University of Central Lancaster, UK, Emerald Publishing, UK, and October 2011

### **Boards Served (Extra Curricular)**

- 2016 - Date**      **Member, Board of Directors**-West End Security Ltd
- 2015 - Date**      **Member, Board of Directors**-Property and Planning Institute of Technology
- 2015 - Date**      **Chairman/Member, Board of Directors**-Emerald Prestige Hotels and Health Spa Limited
- 2014 - Date**      **Member, Board of Directors**-TIPA Foundation

<b>2012 - Date</b>	<b>Chairman/Member, Board of Directors</b> -Training Innovation and Technology Transfer Institute
<b>2012 - Date</b>	<b>Member, Board of Directors</b> -Metis Brokers Ltd
<b>2009 to date</b>	<b>Chairman</b> , Tender Review Board-Afigya Kwabre District Assembly, Kodie-Ghana
<b>2009 - Date</b>	<b>Member, Board of Directors</b> -Danerst Company Ltd, Kumasi-Ghana
<b>2007 - Date</b>	<b>Member, Board of Directors</b> - Landmark Engineering Ltd, Accra
<b>2007 - 2008</b>	<b>Board Member</b> , District Loans and Grant Committee, Asante Akyem North District Assembly, Konongo, Ghana
<b>2007 - 2008</b>	<b>Member, Board of Directors</b> - Landmark Engineering Ltd, Accra
<b>2007 (April)</b>	<b>Board Member</b> -Screening Committee for Association of Graduate Student of Ghana, KNUST Chapter, Kumasi, Ghana
<b>2006 - Date</b>	<b>Chairman/Member, Board of Directors</b> -Top Publications and Magazines Ltd
<b>2007 - Date</b>	<b>Chairman/Member, Board of Directors</b> -Construction Industry Development Institute
<b>2004 - Date</b>	<b>Chairman/Member, Board of Directors</b> -Top Technocrats (Gh) Ltd

## **Conferences and Workshops Attended**

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### **A. International Conferences and Workshops**

April 2017	6 <sup>th</sup> International Conference on Infrastructure Development in Africa, 12-14 April, 2017, College of Art and Built Environment/KNUST, Kumasi-Ghana
Sept. 2015 Africa	2 <sup>nd</sup> Conference on Infrastructure Development and Investment Strategies in Africa 16-18 September 2015, Livingstone, Zambia 16-19
Sept. 2015 Croatia	12th International Conference OTMC on Organization, Technology and Management in Construction (OTMC 2015) Sept 02-05, 2015; Primošten,
Aug. 2015 August	6th West Africa Built Environment Research (WABER) Conference, 10-12 2015, Accra, Ghana

- March 2015 4<sup>th</sup> International Conference on Infrastructure Development in Africa, 25-26 March, 2015, College of Art and Built Environment/KNUST, Kumasi-Ghana
- July 2014 Africa Geospatial Forum 2014: Smart Governance Session: Connecting the Geospatial Community
- Nov. 2013 Ghana Geospatial Forum 2014: Smart Infrastructure Session
- 2011 (Nov)** 2<sup>nd</sup> Plant and Equipment Management Innovation Conference (PEMIC-10) 16<sup>th</sup> November 2011, Birmingham City University, UK in collaboration with Off-Highway Plant and Equipment Research Centre (OPERC) UK Invited as Special Guest from Africa
- 2010 (November)** 1<sup>st</sup> Plant and Equipment Management Innovation Conference (PEMIC-10) 19<sup>th</sup> November 2010, Birmingham City University, UK in collaboration with Off-Highway Plant and Equipment Research Centre (OPERC) UK Invited as Special Guest from Africa
- 2010 (June)** 1<sup>st</sup> International Postgraduate Conference on Built Environment, 3-4<sup>th</sup> June 2010, Kwame Nkrumah University of Science and Technology, Faculty of Architecture and Building Technology.
- 2009 (August)** Chartered Institute of Building (CIOB-Africa) launching in Ghana organised by CIOB UK
- 2009 (June)** West Africa Built Environment Research Workshop for Doctoral Students and Young Academics, Organized by University of Reading, UK (2009) at the British Council, Accra-Ghana
- 2009 (August)** Maker Faire Africa: Conference and Exhibition on Africa Innovation, Ingenuity and Inventions in Science and Engineering, Agriculture and the Environment organized by Maker Faire USA at the Advanced Institute of Technology (AITI), Accra
- 2007 (Nov)** Active participation and presentation of technical paper at 3<sup>rd</sup> Scottish Conference for Postgraduate Researchers of the Built & Natural Environment, Glasgow Caledonian University, Scotland, UK Nov. 2007
- 2007 (Nov)** Active participation and presentation of technical paper at International Conference on Sustainable Built and Natural Environment, Obafemi Awolowo University, Ile-Ife, Nigeria
- 2006 (June)** Active participation of ARCOM Doctoral/PhD Students workshop organized by the Association of Researchers of Construction Management in the Glasgow Caledonian University, Scotland, UK, June 2006
- 2006 (June)** Active participation and presentation of academic paper at Doctoral/PhD Students Seminar organized by the Department of Civil & Building Engineering, Loughborough University, England, UK

## B. Local Conferences and Workshops

- 2011(April)** Project Implementation Workshop organized by the STX E & C Ltd on the Ghana National Housing Project on 29<sup>th</sup> -1<sup>st</sup> April 2011
- 2011(Feb)** Workshop organized by the Quality Assurance and Planning Unit (QAPU) on the theme “Writing Winning Proposals, Publishing and Publications” at KNUST on 21<sup>st</sup>-23<sup>rd</sup> February 2011
- 2010 (Dec)** Workshop on the Role of Patents and the Patent Cooperation Treaty in Knowledge Transfer and commercialization of Technology, Organized by World Intellectual Property Organization (WIPO) and Africa Regional Intellectual Property Organization (ARIPO) in conjunction with Registrar General’s Department Engineering Guest House, KNUST, 2<sup>nd</sup> December 2010
- 2010 (Oct)** Workshop organized by the Vice Chancellors Office through the Quality Assurance and Planning Unit (QAPU) and Human Resource Division on the theme “Integrating into the Vision of KNUST” at KNUST on 18<sup>th</sup> -19<sup>th</sup> October 2010
- 2010 (June)** Development Dialogue on Maximizing Transparency, Accountability and Anti-Corruption: Lessons and Implications for Governance in Africa-including the Oil and Gas Industry at Alisa Hotel, Accra, 23<sup>rd</sup> June 2010
- 2009 (Nov)** Stakeholders Conference on Development of Curricular and Modules for medium and long-term procurement training in Ghana under the auspices of PPA/MiDA, at Coconut Grove Regency Hotel, Accra, 24<sup>th</sup> – 26<sup>th</sup> November 2009
- 2008 (March)** Active participation and presentation of technical paper at 1<sup>st</sup> Postgraduate Research Conference, Kwame Nkrumah University of Science and Technology, Ghana
- 2007 (July)** Delivered a speech on the theme “The role of construction student towards nation building” at the launching of Sunyani Polytechnic Building Technology Students Association annual week celebration
- 2007 (May)** Delivered a speech on the theme “The role of the Business Broker in competitive age of doing business” at the launching of Top Business Brokers Consult Ltd, KNUST-Kumasi
- 2007 (April)** Active participation and presentation of technical paper at a seminar organized by the Department of Building Technology, KNUST on Progress of Work

## C. Invited Speaker

- 2015 (March)** **Keynote Speaker:** National Service Personnel Association-Ashanti Region Theme: Mindset Change in Entrepreneurial Perspective

- 2014 (Sept.)** **Keynote Speaker:** Professional Seminar for MPhil/MSc Educational Innovation and Leadership Science Students. Theme: Paradigm Shift in Mindset Intelligence in Education: The Big Issues beyond the Classroom.
- 2014 (July)** **Keynote Speaker:** CEDI Sika Investment Club. Theme: Social Capital for Business Success
- 2014 (July)** **Speaker:** Geospatial Media and Communications. Theme: Smart Governance: connecting the Geospatial community
- 2013 (Nov)** **Speaker:** Geospatial Media and Communications. Theme: Smart Geospatial enabling Smart Infrastructure
- 2013 (Sept.)** **Keynote Speaker:** Project Management Institute-Ghana Chapter. Theme: The Value and Benefits of Networking to the Project Manager
- 2011 (Nov)** **Keynote Speaker:** KNUST SRC in Collaboration with Arena of Glory International (Christian Glory Network). Theme: Intellectual Business and Worship Summit. Topic handled: Social Capital and the Entrepreneurial Challenge of the 21<sup>st</sup> Century Christian
- 2011 (Nov)** **Keynote Speaker:** Rural Research and Advocacy Group. Theme: Grooming the Youth for better tomorrow. Topic handled: Social Capital and the Entrepreneurial Challenge of the 21<sup>st</sup> Century Business Environment
- 2011 (Oct)** **Guest Speaker:** Business School, Christian Services University College. Theme: Inauguration of Business Students' Association: Topic handled: A new frontier for Business Students: Challenges and Prospects (delivered at the instance of the Provost of CASS, Prof. Sam Afrane)
- 2011 (March)** **Keynote Speaker:** Global Networking Summit 2011, at KNUST. Organized by Evolve Africa in Collaboration with Training Innovations & Technology Transfer Institute. Theme: Building strategic personal networks in a globalized world. Topic handle: How to effectively network in a business world
- 2011 (March)** **Keynote Speaker:** Go for your Dream Job, at KNUST. Organized by Samaglow Ltd. Topic handle: Networking: the new norm for securing your dream job
- 2010 (Oct.)** **Keynote Speaker:** Rural Research Advocacy Group. Organized by Centre for Rural Development and Poverty Reduction, KNUST. Topic: Financing Projects in Business Context
- 2010 (Sept.)** **Keynote Speaker:** Youth Entrepreneurs Forum 2010, at KNUST. Organized by Leadership and Mentoring Academy in Collaboration with Evolv Africa. Theme: Creating Multiple Streams of Income-the Role of the Entrepreneur. Topic handle: Discover how you can keep your job and still be a successful entrepreneur.

- 2010 (March)**      **Special Guest/Keynote Speaker:** Inauguration and commissioning of Western Region Association of District Engineers at Bogoso
- 2009 (October)**      **Resource Person:** Ghana Institution of Surveyors (GhIS): Joint Continuing Professional Development Workshop on the theme: Emerging Oil and Gas Industry: Opportunities and Challenges for the Surveying Profession, KNUST, Kumasi
- 2009 (October)**      **Resource Person:** Apostolic Students and Associates: Diary of Experiences. Strategic lectures on time management, financial management,
- 2009 (July)**      **Resource Person:** Ghana Institution of Surveyors (GhIS): Joint Continuing Professional Development Workshop on the theme: Emerging Oil and Gas Industry: Opportunities and Challenges for the Surveying Profession, Alisa Hotel, Accra
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