

Zacchaeus Oni **OMOGBADEGUN (Ph.D)**

**Publications List: 2000 – present**

**Books/Monographs**

- i. A.E. **Adeniyi** and Z.O. **Omogbadegun** (2004), *Computer Applications for Colleges and University Students*, Bestway Publications, Ado-Ekiti, Nigeria, December 2004
- ii. A.E. **Adeniyi** and Z.O. **Omogbadegun** (2004), *Mechanized Accounting for Colleges and University Students Volume One*, Bestway Publications, Ado-Ekiti, Nigeria, April 2004, ISBN: 978-33939-2-8

**Journals**

- i. Zacchaeus Oni **Omogbadegun** (2014), Medicinal Plants Use During Pregnancy and Implications for Nurses/Midwives. *Nursing 2014*, Manuscript\_ID: LWWESUBMISSIONS-D-13-00111R2. Accepted 6<sup>th</sup> February, 2014 (in press), ISSN: 0360-4039, **(ISI-Thomson Reuters Master Journal List)**.
- ii. Zacchaeus Oni **Omogbadegun** (2013). Development of a Framework for Collaborative Healthcare Services Delivery, *International Journal of Advanced Computer Science and Applications (IJACSA)*, Vol 4(12), December 2013
- iii. Zacchaeus Oni **Omogbadegun** (2013). Application of Formal Method in Drug Allergy Process Framework Specification, *The International Journal of Engineering and Science*, Paper\_Id: 211051. Accepted 21<sup>st</sup> November, 2013.
- iv. Zacchaeus Oni **Omogbadegun** (2013). Medicinal Plants-based Foods for Breast Cancer Treatment: An Ethnobotanical Survey and Digitization, *International Journal of Medicinal Plants and Alternative Medicine*, Vol. 1(8), pp. 137-163, September 2013, Available online at <http://academeresearchjournals.org/journal/ijmpam>
- v. Zacchaeus Oni **Omogbadegun** and Micheal Akinwale Adegboyega (2013). Framework for Overcoming Barriers of Complementary and Alternative Medicine Acceptance into Conventional Healthcare System, *International Journal of Medicinal Plants and Alternative Medicine*, Vol. 1(7), pp. 118-136, August 2013. Available online at <http://academeresearchjournals.org/journal/ijmpam>.
- vi. ZO **Omogbadegun** (2013). Medicinal and Aromatic Plants' Productivity and Sustainability Monitoring Framework, *European Journal of Medicinal Plants* (Accepted 9 March 2013, in press for March 2013)
- vii. ZO **Omogbadegun**, O Olayemi (2013). Development of a Web-based Gestational Diabetes Mellitus Advisory and Management System, *African Journal of Computing and ICT IEEE Nigeria – Computer Chapter Journal ...* (Accepted January 2013, in press for March, 2013)
- viii. Zacchaeus O **Omogbadegun** (2013). Development of a mobile-based and web-based authentication services software for imported food safety, *Supplement A to the Journal of Food Protection*, volume 76, p44 (2-251), 2013. <https://www.foodprotection.org/downloads/library/2013-abstract-book.pdf>
- ix. Zacchaeus **Omogbadegun**, Charles Uwadia, Charles Ayo, Victor Mbarika, Nicholas Omoregbe, Efe Otofia, and Frank Chieze (2011). Multimedia-based Medicinal Plants Sustainability Management System, *International Journal of Computer Science Issues*, 8 (5), 492-503, September 2011.
- x. IO Akinyemi, ZO **Omogbadegun**, OM Oyelami (2010). Towards Designing a Biometric Measure for Enhancing ATM Security in Nigeria E-Banking System, *International Journal of Electrical & Computer Sciences IJECS-IJENS* 10 (06), 68-73, December 2010.
- xi. CO Uwadia, ZO **Omogbadegun** (2007). Emerging Technologies' Revolution and Daunting Challenges Facing the Law Enforcement Agencies, *The International Journal of Computer Science and Its Applications*, 14 (1), 14-31, June 2007.
- xii. C.O. **Uwadia**, Z.O. **Omogbadegun**, and E.P. **Fashina** (2006) “Cybercrime Pervasiveness, Consequences, and Enforceable Countermeasures”, *The International Journal of Computer Science and Its Applications*, 13 (1), 11-24, December 2006.
- xiii. Z. Oni **Omogbadegun** and A.A. **Aliu** (2005) “The Role of Information and Communications Technologies in Governance, Accountability, National Integration, and Cohesion (Nigeria – Case Study)” *Journal of Business and Technological Education [JOBTEd]*, *The Official Publication of The School of Business Studies, Federal Polytechnic, Ado-Ekiti, Nigeria*, 1(2), 135-144, December, 2005
- xiv. Z. Oni **Omogbadegun** and A.A. **Aliu** (2004) “Mathematics as Bedrock for Children Education in

## Conference Papers

- i. **Omogbadegun**, Zacchaeus Oni and Okuboyejo, Senanu Rita (2014). Stakeholders’ Framework for Integrating HIV/AIDS and Maternal and Child Health Services in Paediatric Populations, *Southern African HIV Clinicians Society 2nd Biennial Conference* (SA HIV 2014), 24<sup>th</sup> – 27<sup>th</sup> September, 2014, CTICC in Cape Town, South Africa, <http://sahivsoc2014.co.za/abstracts/> [Abstract submitted 28 April, 2014; Accepted 4<sup>th</sup> August 2014, 2014].
- ii. **Omogbadegun**, Zacchaeus Oni (2014). Development of Climate Change Effects-Reducing Information Systems Towards Sustaining Medicinal and Aromatic Plants, *International Biotechnology Symposium (IBS) 2014: The Impact of Climate Change on Food Production: The Application of Biotechnology Tools*, 9-11 June, 2014, Covenant University, Ota, Ogun State, Nigeria.
- iii. Z. **Omogbadegun**, T. Oyedepo, F. Fasina, E. Omotosho (2014). Student Support Services Infrastructural Framework For Excellent Academic Performance In Tertiary Institutions: A Case Study of Covenant University, Nigeria, *6th International Conference on Education and New Learning Technologies, Proceedings of EDULEARN14 Conference*, 7th-9th July 2014, Barcelona, Spain, pp. 5641-5650, ISBN: 978-84-617-0557-3, ISSN: 2340-1117, (CPCI/ISI-indexed), <http://library.iated.org/view/OMOGBADEGUN2014STU>
- iv. Z. **Omogbadegun**, C. Uwadia, N. Omogbe, I. Akinyemi (2014). Using Students Industrial Work Experience Scheme To Achieve Viable University-Industry Cooperation In Nigeria – A Case Study Of Covenant University, Nigeria, *6th International Conference on Education and New Learning Technologies, Proceedings of EDULEARN14 Conference*, 7th-9th July 2014, Barcelona, Spain, pp. 2408-2416, ISBN: 978-84-617-0557-3, ISSN: 2340-1117, (CPCI/ISI-indexed), <http://library.iated.org/view/OMOGBADEGUN2014USI>
- v. G. Adejumo, M. Gesinde, A. Elegbeleye, Z. **Omogbadegun** (2014). Impact of Automated Assessment Practice on Credibility of University Entrance Examination in Nigeria: A Case Study of Covenant University, Ota, Nigeria. [http://iated.org/concrete2/list\\_accepted\\_abstracts.php?event\\_id=19&search\\_id=&search\\_title=&search\\_auth\\_or=Omogbadegun&search\\_bool=and](http://iated.org/concrete2/list_accepted_abstracts.php?event_id=19&search_id=&search_title=&search_auth_or=Omogbadegun&search_bool=and); EDULEARN14, 6th International Conference on Education and New Learning Technologies, Barcelona - 7th - 9th of July 2014. Accepted 29<sup>th</sup> April, 2014. (CPCI/ISI-indexed)
- vi. Zacchaeus O **Omogbadegun**, Charles O Uwadia, Charles K Ayo, and Nicholas A Omogbe (2014). Development of a Medicinal and Aromatic Plants Management Information System for Ensuring Quality, Safety, and Efficacy (Symposium: WOCMAP1 - From biodiversity to finished products - oral presentation), World Congress on Medicinal and Aromatic Plants (WOCMAP V 2014) in conjunction with 29th International Horticultural Congress 2014, 17-22 August 2014, Brisbane Queensland, Australia. Accepted 17 January, 2014 (Ref: 10502) (Web of Knowledge indexed)
- vii. Zacchaeus O **Omogbadegun**, Charles O Uwadia, Charles K Ayo, and Nicholas A Omogbe (2014). Development of a Sustainable Natural Resource Management Framework for Fostering Conservation of Biodiversity and Medicinal and Aromatic Plants (Symposium: WOCMAP3 - Medicinal and Aromatic Plants - poster presentation), World Congress on Medicinal and Aromatic Plants (WOCMAP V 2014) in conjunction with 29th International Horticultural Congress 2014, 17-22 August 2014, Brisbane Queensland, Australia. Accepted 17 January, 2014 (Ref: 10502) [http://ihc2014presenter.digitalposter.com.au/zzz/ihc2014\[1\]/posters/Omogbadegun-Developmen\[3199\]/pdf/OmogbadegunZO\\_WOCMAP+V+2014\\_7\\_Slide\\_Poster\\_Ref\\_10502\\_Presentation.pdf](http://ihc2014presenter.digitalposter.com.au/zzz/ihc2014[1]/posters/Omogbadegun-Developmen[3199]/pdf/OmogbadegunZO_WOCMAP+V+2014_7_Slide_Poster_Ref_10502_Presentation.pdf) (Web of Knowledge indexed)
- viii. Zacchaeus O **Omogbadegun** (2014): Pilotable Framework for Overcoming Barriers in Learning in Nigerian Educational System, 8th International Technology, Education and Development Conference, Valencia - 10th - 12th March 2014 (INTED2014), *Proceedings of INTED2014 Conference*, 10th-12th March 2014, Valencia, Spain, pp. 1879-1889, ISBN: 978-84-616-8412-0 (CPCI/ISI-indexed), <http://library.iated.org/view/OMOGBADEGUN2014PIL>
- ix. ZO **Omogbadegun** (2013). Development of a Collaborative Framework for Ubiquitous Patient-Centered Healthcare Services Delivery, Science and Information Conference (SAI) - IEEE Technically Co-Sponsored (Accepted March 13, 2013 ) London, 7-9 October, 2013
- x. Zacchaeus Oni **Omogbadegun** (2013), “Potential Causes of Mental Disorders among the Youths”, accepted for Oral presentation at the 2nd International Conference on Youth Mental Health, 30 September - 2 October, 2013, Brighton, UK (Acceptance conveyed June 5, 2013). [http://www.iaymh2013.com/media/IAYMH2013PROGRAM\\_DRAFT.pdf](http://www.iaymh2013.com/media/IAYMH2013PROGRAM_DRAFT.pdf)
- xi. Zacchaeus Oni **Omogbadegun** (2013), “Overcoming Barriers to Mental Health Patients’ Adherence”, accepted for Oral presentation at the 2nd International Conference on Youth Mental Health, 30 September -

- 2 October, 2013, Brighton, UK (Acceptance conveyed June 5, 2013). [http://www.iaymh2013.com/media/IAYMH2013PROGRAM\\_DRAFT.pdf](http://www.iaymh2013.com/media/IAYMH2013PROGRAM_DRAFT.pdf)
- xii. Zacchaeus Oni **Omogbadegun** and Olufisayo Titilope Abiodun (2013), Development and Implementation of a Computerized Maternity Records Management System, Poster Presentation at the 8th Convocation Ceremony, Covenant University, Ota, Nigeria, July 24th – 28th, 2013.
- xiii. Zacchaeus Oni **Omogbadegun** and Olaide Temiloluwa Agboola (2013), Design and Implementation of a Mobile Medicinal Plants Management Information System, Poster Presentation at the 8th Convocation Ceremony, Covenant University, Ota, Nigeria, July 24th – 28th, 2013
- xiv. Zacchaeus Oni **Omogbadegun** (2013), *Embracing E-Government for a Sustainable Health System: An Imperative for Nation Building*, Nigeria Computer Society (NCS) e-Government 2013 International Conference: e-Government & National Security, July 24 - 26, 2013, Osogbo, Osun State, Nigeria [Conference Proceedings pp 72-83]
- xv. Zacchaeus O **Omogbadegun** (2013). **Abstract 192**: Epidemiology and Botanically-based Management of Women Infertility, International Conference on Naturopathic Medicine, July 7-9, 2013, Paris
- xvi. Zacchaeus O **Omogbadegun** (2013). **Abstract No. 193** : An ethnobotanical survey of medicinal plants-based foods for breast cancer treatment, International Congress on Naturopathic Medicine, July 7-9, 2013, Paris
- xvii. Zacchaeus O **Omogbadegun** and Obianuju Ezeife (2013). Development of a mobile-based and web-based authentication services software for imported food safety (Accepted 18 March 2013: International Association for Food Protection Conference, Charlotte, North Carolina, July 28–31, 2013)
- xviii. Zacchaeus O **Omogbadegun** and Mrs Sena **Okuboyejo** (2013). **Abstract No. 155**, “Investigating Cognitive, Behavioural, and Environmental Barriers to HIV/AIDS’ Patients Adherence in Nigeria” - approved for Poster presentation at the 8th International Conference on HIV Treatment and Prevention Adherence, June 2-4, 2013, at The Eden Roc Renaissance in Miami. (Acceptance conveyed March 22, 2013). [http://www.iapac.org/AdherenceConference/assets/ADH8\\_Poster\\_Abstracts.pdf](http://www.iapac.org/AdherenceConference/assets/ADH8_Poster_Abstracts.pdf), p.40.
- xix. Zacchaeus O **Omogbadegun** (2013). **Abstract No. 218**, “Development of Interventions’ Evaluation Framework for Integrating Paediatric HIV Healthcare Services with other Reproductive Healthcare Services” - approved for Poster presentation at the 8th International Conference on HIV Treatment and Prevention Adherence, June 2-4, 2013, at The Eden Roc Renaissance in Miami. (Acceptance conveyed March 22, 2013).
- xx. Zacchaeus O **Omogbadegun** (2012). A Framework for Ensuring Safety of Biological-based Therapies in Complementary and Alternative Medicine Integration into a Health System, Second International Conference on Health, Wellness and Society; 10-12 March 2012, University Center, Chicago, USA <http://w12.cgpublisher.com/proposals/174>; <http://2012.healthandsociety.com/sessions/index.html>
- xxi. Zacchaeus O **Omogbadegun** (2012). Abstract 246-223: “*Clinical Decision Support System for Diagnosing Congenital Heart Disease During Pregnancy*”, accepted for Guided Poster presentation at The 2<sup>nd</sup> International Congress on Cardiac Problems in Pregnancy (CPP 2012), Berlin, Germany, May 17-20, 2012 ([www.cppcongress.com](http://www.cppcongress.com))
- xxii. Zacchaeus O **Omogbadegun** (2012). Abstract 246-218: “*Medicinal Plants’ Use and Safety During Pregnancy and Lactation*” accepted for **Guided Poster** presentation at The 2<sup>nd</sup> International Congress on Cardiac Problems in Pregnancy (CPP 2012), Berlin, Germany, May 17-20, 2012 ([www.cppcongress.com](http://www.cppcongress.com))
- xxiii. Zacchaeus Oni **Omogbadegun** (2012). *Emergent Technologies and Child Protection*, at “The Stakeholders’ Tech4D Forum on ICT and Child Development – Benefits and Challenges”, organised by Women in Technology in Nigeria (WITIN), Sheraton Hotels and Towers, Ikeja, Lagos, Nigeria Thursday, October 4, 2012 (<http://www.witin.org/2012/tech4D/papers/oni.doc>)
- xxiv. Zacchaeus O **Omogbadegun**, Charles O Uwadia, Charles K Ayo, Victor Mbarika, Nicholas Omoregbe, Oluwaseun Ashipa (2011). *Clinical Decision Diagnosis Support System for Complementary and Alternative Medicine Practitioners in Lifestyle-related Diseases Management*, 2<sup>nd</sup> AMA-IEEE International Medical Technology Conference, Boston, MA, USA, 16<sup>th</sup> – 18<sup>th</sup> October, 2011. [http://ama-ieee.embs.org/wp-content/uploads/2011/09/OmogbadegunZO\\_AMA\\_IEEE\\_2011\\_Final\\_Submission\\_Conf\\_Clinical-Decision-Diagnosis-Support-System-CAM-Practitioners.pdf](http://ama-ieee.embs.org/wp-content/uploads/2011/09/OmogbadegunZO_AMA_IEEE_2011_Final_Submission_Conf_Clinical-Decision-Diagnosis-Support-System-CAM-Practitioners.pdf)
- xxv. ZO **Omogbadegun** (2011). A Framework For Collaborative Virtual Complementary And Alternative Medical System (Preservation Of Medicinal Plants), PhD Research in Progress Presentation, @ International Conference On ICT For Africa 2011, Covenant University, Ota, Ogun State, Nigeria, 23-26 March, 2011
- xxvi. ZO **Omogbadegun** (2010). Emerging Technologies(ICTs) & Our Businesses, One-Day Round-Table Workshop Organized by Women In Technology In Nigeria, Lagos, [https://www.academia.edu/268226/Emerging\\_Technologies ICTs and Our Businesses](https://www.academia.edu/268226/Emerging_Technologies ICTs and Our Businesses)
- xxvii. Z. Oni **Omogbadegun**, Charles O. Uwadia and Charles K. Ayo (2010) *Realising Political Stability In Nigeria Through ICT-Transformed Government At Grassroots*, 23rd International Conference, Nigeria Computer Society, Asaba, Delta State, Nigeria, 26<sup>th</sup> – 30<sup>th</sup> July, 2010, [Conf. Proceedings pp. 37-50].
- xxviii. Z. Oni **Omogbadegun** and Charles K. Ayo (2007) Impact of Mobile and Wireless Technologies on Healthcare Delivery Services, 3G GSM & Mobile Computing International Workshop & Conference, Covenant University, Ota, Ogun State, Nigeria, 29-31, Jan 2007, 24 (8), 163.

- xxix. **Omogbadegun, Z.O** (2006), Security in Healthcare Information Systems, ITI 4th International Conference on Healthcare, Cairo, Egypt, 10-12 Dec. 2006, Published in: *Information & Communications Technology, 2006. ICICT '06, Page(s): 1 - 2, IEEE, ISBN: 0-7803-9770-3, INSPEC Accession Number: 9703275, Digital Object Identifier: 10.1109/ITICT.2006.358263, <http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=4196487>. Web of Science Ref: [http://apps.webofknowledge.com/Search.do?product=WOS&SID=S1wPyWsMOOK2pslmJWg&search\\_mod\\_e=GeneralSearch&prID=2e6a54bf-4e25-43b4-aad8-ff01bb8e94e7](http://apps.webofknowledge.com/Search.do?product=WOS&SID=S1wPyWsMOOK2pslmJWg&search_mod_e=GeneralSearch&prID=2e6a54bf-4e25-43b4-aad8-ff01bb8e94e7)*
- xxx. **A.A. Aliu and Z. Oni Omogbadegun**, (2006) *A Survey of Interval Newton Methods and Application for Solutions of Non-Linear Equations*, 1st International Workshop & Conference on “New Trends in the Mathematical and Computer Sciences with Applications to Real World Problems” [NTMCS 2006:Proceedings, pp 419-428], Covenant University, Ota, Ogun State, Nigeria 19-23 June, 2006
- xxxi. **Z.Oni Omogbadegun and A.A. Aliu** (2005) The Role of Information and Communications Technologies in Governance, Accountability, National Integration, and Cohesion (Nigeria – Case Study), *2nd Annual Conference of The School of Applied Sciences & Technology, The Federal Polytechnic, Offa, Kwara State, Nigeria, July 5 -7, 2005*
- xxxii. **Z.Oni Omogbadegun and A.A. Aliu** (2003) *Information Technology (IT): A Tool for Sustaining Children Interest in Science & Technology*, International Conference on Children-in-Science & Technology, University of Ado-Ekiti, Ekiti State, Nigeria, November 4-6, 2003
- xxxiii. **Z.Oni Omogbadegun** (2003) *Computer Education for Children in Science and Technology*, International Conference on Children-in-Science & Technology, University of Ado-Ekiti, Ekiti State, Nigeria, November 4-6, 2003
- xxxiv. **Z.Oni Omogbadegun** (2000) Session 5: *Application of Computer to Data Processing* – Tuesday, October 10, 2000 [2:30 – 5:00pm] at UNDP (NMSED) – DATAPROC ASSOCIATES NIGERIA LTD: Organized Workshop for Statistical Officers of Local Government Areas in Ondo State: Data Collection, Analysis and Processing: October 9 – 10, 2000, Akure, Ondo State, Nigeria.
- xxxv. **Z. Oni Omogbadegun** (2001) *Basic Management Principles to Transform a Secretary/Personal Assistant to a Successful Manager* at the Performance Improvement for Secretaries & Personal Assistants Workshop, Ijebu-Ode, Ogun State, Nigeria, October 29-31, 2001 & December 11-13, 2001
- xxxvi. **Z.Oni Omogbadegun** (2001) *Modern Technology in (Secretarial) Administration* at the Performance Improvement for Secretaries & Personal Assistants Workshop, Ijebu-Ode, Ogun State, Nigeria, October 29-31, 2001 & December 11-13, 2001
- xxxvii. **Z.Oni Omogbadegun** (2000) Session 5: *Application of Computer to Data Processing* – Tuesday, October 10, 2000 [2:30 – 5:00pm] at UNDP (NMSED) – DATAPROC ASSOCIATES NIGERIA LTD: Organized Workshop for Statistical Officers of Local Government Areas in Ondo State: Data Collection, Analysis and Processing: October 9 – 10, 2000, Akure, Ondo State, Nigeria.

#### Book Manuscripts under Review

- i. **C.O. Uwadia and Z.O. Omogbadegun**, Emerging Technologies and Their Laws
- ii. **C.O. Uwadia, A.O. Adewumi, and Z.O. Omogbadegun**, Database System Concepts for Polytechnic and University Undergraduates
- iii. **Z.O. Omogbadegun**, Healthcare Information Accountability & Security

#### Journal Papers currently submitted for Peer Review

- i. **Zacchaeus Oni Omogbadegun and Adesewa Taiwo Adegoke** (2014). Monitoring Cardiovascular Disease-Patients with Mobile Computing Technologies, *Covenant University Journal of Information and Communication Technologies*, Submitted 21st January, 2014
- ii. **Zacchaeus Oni Omogbadegun and Olufisayo Titilope Abiodun** (2013). Maternal Mortality Reduction: A Technology-Based Maternity Nursing Care Management Information System, *International Journal of Medical Informatics*, Manuscript\_ID: IJMI-D-13-00423. Submitted 25<sup>th</sup> November, 2013.
- iii. **Zacchaeus O Omogbadegun and Obianuju Ezeife** (2013), Development of an Authentication Services Software System for Detecting Fake Pharmaceuticals, *British Journal of Pharmaceutical Research*, Manuscript Number: 2013\_BJPR\_3930. Reviewers' Comments received 25/04/2013, Revised Manuscript Return Due date: 09/05/2013.
- iv. **Zacchaeus Oni Omogbadegun and Michael Adegboyega** (2013), Collaborative Virtual Framework for a Multidisciplinary Team of Healthcare Services Providers, *Journal of Health Communication*, Manuscript\_ID: UHCM-2013-0060 of 6th February 2013



### Conference Papers currently submitted for Review

- i. Omogbadegun, Zacchaeus Oni (2014). Integrated pregnancy and childbirth management framework for reducing mother-to-child-transmission of HIV, *HIV Drug Therapy Glasgow 2014 Conference*, 2<sup>nd</sup> – 4<sup>th</sup> November, 2014, Glasgow, UK [Abstract submitted 11 July, 2014; Acceptance expected 5 September, 2014]
- ii. Omogbadegun, Zacchaeus Oni and Okuboyejo, Senanu Rita (2014). Investigating cognitive, behavioural, and environmental barriers to HIV/AIDS' patients adherence in Nigeria, *HIV Drug Therapy Glasgow 2014 Conference*, 2<sup>nd</sup> – 4<sup>th</sup> November, 2014, Glasgow, UK [Abstract submitted 4 July, 2014; Acceptance expected 5 September, 2014]
- iii. Omogbadegun, Zacchaeus Oni (2014). Development of Interventions' Framework for Integrating Paediatric HIV Healthcare Services with other Reproductive Healthcare Services, *2nd Biennial Southern African HIV Clinicians Society Conference*, 24th – 27th September, 2014, Cape Town, South Africa, <http://sahivsoc2014.co.za/abstracts/> [Abstract submitted 19 May, 2014; Acceptance expected 31<sup>st</sup> July, 2014]