

CURRICULUM VITAE

OSAMOR Victor Chukwudi, PhD

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PERSONAL DATA

SEX: Male
MARITAL STATUS: Married
NATIONALITY: Nigerian

EDUCATIONAL QUALIFICATIONS

B.Sc Zoology
University of Benin, Benin City, Edo State, Nigeria
Second Class Upper Division.

P.G.D Computer Science
University of Lagos, Akoka, Lagos State, Nigeria.

M.Sc Computer Science
University of Lagos, Akoka, Lagos State, Nigeria.

Ph.D Computer Science
Covenant University, Ota, Ogun state, Nigeria.

PROFESSIONAL MEMBERSHIP

- Member, African Society of Bioinformatics and Computational Biology (ASBCB)
- Member, International Society for Computational Biology
- Member, Nigeria Computer Society (MNCS)
- Member, Computer Professionals of Nigeria (CPN)
- Member, African Network for Drugs and Diagnostic Innovation (ANDI).
- Member, African Society For Human Genetics (ASHG)
- Member, Nigerian Society of Biochemistry & Molecular Biology (NSBMS)
- Member, Federation of European Biosciences Society (FEBS).

WORKING EXPERIENCE

2002-Date Dept. of Computer & Information Sciences
Covenant University, Ota, Ogun State, Nigeria

Current Position: Associate Professor

2001-2002 eShekels Ltd.
2/4 Custom Str., Lagos, Nigeria.
Manager, IT Group

2000-2001 NIIT Ltd/International Data Management Ltd.
20, Oba Akran, Ikeja, Lagos, Nigeria.
Faculty (IT Trainer)

AWARDS

- *Post Doctoral Fellowship Award –ERCIM “Alain Bensoussan Fellowship.* (Funding: ERCIM and European Union FP7/2007-2013) under grant
- *ERCIM/ Marie Curie Fellow:* University of Warsaw
- *H3ABIONET/ H3Africa Research Grant - National Institute of Health (USA) / Wellcome Trust (2013)*
- *Malaria at Liver Stage Research Grant Award – Covenant University Seed Grant (2013)*
- *Covenant University Staff Development Research Grant Award (2009).*
- *International Glossinia Genome Initiative (IGGI) Consortium Grant Award (2007):* Funding in excess of 10 million US \$ from multiple sources, WHO/TDR, NIH, Wellcome Trust, RIKEN and Genoscope.
- *Best National Youth Service Corps (NYSC) '91 Award-:* Department of Biology, The Polytechnic, Ibadan, Oyo State, Nigeria.
- *NACOSS Award- Most Educating Lecturer '06/07:* Department of Computer and Information Science Students, Covenant University, Ogun State, Nigeria.

Travel Grants Awards

- *National Institute of Health / Wellcome Trust Award -(ICIPE), Nairobi, Kenya.*
[H3ABioNet Train-the-Trainer Bioinformatics Course, 8th – 26th July 2013.](#)
- *Federation of European Biosciences Societies (FEBS) & EMBL/EBI YTF AWARD: In Silico systems biology: network reconstruction, analysis & network based modelling, Hinxton, Cambridge, (23-26 May 2011).*
- *Joint ISCB Africa/African Society of Bioinformatics and Computational Biology & African Society of Human Genetics Award – CAPE TOWN, SOUTH AFRICA.* The Third Conference on Bioinformatics of African Pathogens, Hosts and Vectors (6 – 11 March, 2011).
- *European Union/TeachSG/Israeli Nat.Com. for UNESCO Award- ISRAEL:* *First BIOmics Workshop and Conference* held at Weizmann Institute of Science (WIS), Rehovot, Israel. Aug. 30-Sept. 4, 2009.
- *WHO/TDR/ANDI Award- ABUJA:* “*African Network for Drugs and diagnostics Innovation(ANDI): Creating a sustainable platform for R&D innovation in Africa*” held at ECOWAS Secretariat, Abuja, Nigeria(Oct. 6-8, 2008).
- *ICS-UNIDO Award - ITALY:* “*Drug Design and Discovery for Developing Countries*” held at JOLLY Hotel, Corso Cavour 7, Trieste, Italy (International Centre for Science and High Technology of UNIDO (July 3rd -5th , 2008)).

- **UNICEF/UNDP/WHO/WORLD BANK/TDR Award – SOUTH AFRICA:**
“Annotation and Bioinformatic Analysis of *Glossina* cDNA” held at South African National Bioinformatics Institute (SANBI), University of Western Cape, Cape Town, South Africa (Nov. 12-18th ,2007).
- **Wellcome Trust Award -UK:**
“Functional Genomics and Systems Biology” held at Hinxton, Cambridge, UK (Wellcome Trust: Jun. 20-29th ,2007).
- **CNRS /ICIPE/ ILRI Award - KENYA:**
“Bioinformatics of African Pathogens and Disease Vectors” held at Nairobi, Kenya (CNRS france/ICIPE/ ILRI: 28th May- 2nd Jun., 2007).
- **WHO/TDR Award - MALI:**
“Functional Genomics of Insect Vectors of Human Diseases” held at Bamako, Mali (WHO/TDR Geneva: Nov.29-Dec. 13, 2006).

PUBLICATIONS:

(a) Journals

1. **Osamor V.C., Chinedu S.N., Azuh D.E., Iweala E.E.J, Ogunlana O.O. (2015): **The interplay of post-translational modification and gene therapy.** *Drug Design, Development and Therapy.* – Accepted- To appear.
2013 Thomson Reuters ISI Impact Factor: 3.05 and Scopus
2. Watanabe J., Hattori M., Berriman M., ... **Osamor V. C.**, Balyeidhusa, A., et al., (2014): **Sequence of the Tsetse Fly (*Glossina morsitans*): Vector of African Trypanosomiasis.** *Science*, **344(6182): 380-386.**
<http://www.sciencemag.org/content/344/6182/380>
2013 Thomson Reuters (ISI) Impact Factor: 31.5
3. **Osamor V.C.**, Azeta A.A., Ajulo O., (2014): **Tuberculosis–Diagnostic Expert System: An architecture for translating patients information from the web for use in tuberculosis diagnosis.** *Health Informatics Journal* 20(4) 245–287.
<http://jhi.sagepub.com/content/early/2014/01/20/1460458213493197>
2013 Thomson Reuters (ISI) Impact Factor: 0.8
4. Iweala, E.E.J, Chinedu, S.N, Afolabi, I.S, Ogunlana, O.O, Azuh, D.E, **Osamor, V.C.** and Toogun, T.A. (2014). **Body Mass Index and Random Blood Glucose Levels in a Semi Urban Nigerian Community.** *Int. J Diabetes Dev C*, **34(3):175-176.** DOI 10.1007/s13410-013-0177-4
<http://link.springer.com/article/10.1007%2Fs13410-013-0177-4>
Thomson Reuters 5yr-(ISI) Impact Factor: 0.842
5. **Osamor V.C.**, Adebisi E.F., Eneke E.H. (2013): **k-Means Walk: Unveiling Operational Mechanism of a Popular Clustering Approach for Microarray Data.** *J Comput Sci Syst Biol* 6(1): 035-042. doi:10.4172/jcsb.1000098
<http://www.omicsonline.org/0974-7230/JCSB-06-035.pdf>
<http://dx.doi.org/10.4172/jcsb.1000098>

6. **Osamor V.C.**, KS Wiwuga, IP Osamor, AG Musa (2013): **Engineering a Ruled Based Software Solution for Credit Rating and Worthiness Assessment in Financial Operations.** *Computer Engineering and Intelligent Systems 4 (1)*, 56-652.
7. Chinedu S.N., Azuh D.E., **Osamor V.C.**, Iweala E.J., Afolabi I., S., Uhuegbu C.C., Ogunlana O.O. and Oranusi S.U. (2013): **Skincare Product Usage: Implications on Health and Wellbeing of Africans.** *J. Applied Sci. 13 (4)*.
8. Iweala E.E.J, Chinedu S.N, Afolabi I.S, Ogunlana O.O, Azuh D.E, **Osamor V.C.** and Toogun T.A (2013). **Propensity for Diabetes and Correlation of its Predisposing Factors in Ota, Nigeria.** *J. Med. Sci. 13 (6)*.
9. Shalom Nwodo Chinedu S.N., Ogunlana O.O., Azuh D.E., Iweala E.E.J, Israel S. Afolabi I.S., Chidi C. Uhuegbu C.C, Mercy E. Idachaba M.E., **Osamor V.C.** (2013): **Correlation between body mass index and waist circumference in Nigerian adults: Implication as indicators of health status.** *Journal of Public Health Research, 2(2):e16*.
<http://www.jphres.org/article/view/jphr.2013.e16>
Thomson Reuters (ISI) Impact Factor: Indexed
10. Osamor I.P., Akinlabi H., **Osamor V.C.** (2013): An Empirical Analysis of the Impact of Globalisation on Performance of Nigerian Commercial Banks in Post Consolidation Period. *European Journal of Business and Management 5 (5)*, 37-45.
11. **Osamor V.C.**, Adebisi E., Oyelade J. O., Doumbia S. (2012): **Reducing the Time Requirement of k-means.** *PLoS ONE 7(12) e49946*.
Thomson Reuters ISI 5-yr Impact Factor: 4.0
12. **Osamor V.C.** (2009): **Experimental and Computational Applications of Microarray Technology for Malaria Eradication in Africa.** *Sci. Res. Essays, 4(7): 652-664*.
<http://www.academicjournals.org/journal/SRE/article-abstract/39D1B7B18526>
Thomson Reuters ISI Impact Factor: Indexed
13. **Osamor V.C.**, Adebisi E., Doumbia S. (2009): **K-Means Clustering and the Analysis of Malaria Microarray Data (MMD).** *Journal of Molecular Epidemiology and Evolutionary Genetics in Infectious Diseases; Infect Genet. Evol Vol 9 (3): 378*.
<http://linkinghub.elsevier.com/retrieve/pii/S1567134808001755> or
<http://dx.doi.org/10.1016/j.meegid.2008.09.003>
2013 Thomson Reuters ISI Impact Factor: 3.3
14. **Osamor, V.C.** (2010): **Global initiative and local efforts towards management of malaria in Africa.** *Biotechnology 9(2): 196-203*.
<http://scialert.net/abstract/?doi=biotech.0000.19408.19408>
<http://scialert.net/qredirect.php?doi=biotech.0000.19408.19408&linkid=pdf>

15. **Osamor, V.C. (2010): Malaria and sterile insect technique (SIT): Pathogenicity, perceptions, misconceptions and practices of control in a developing nation.** *Eubios J. Asian Int. Bioethics* 20(3): 96-101.
<http://www.eubios.info/EJAIB52010.pdf>
16. **Osamor, V.C.,** Adebisi E., and Doumbia S. (2010): **Clustering *Plasmodium falciparum* genes to their functional roles using k-means.** *Int. J. Eng. Technol.*, 2(2):215-225.
<http://www.ijetch.org/content.htm>
<http://www.ijetch.org/papers/124--T477.pdf>
17. **Osamor, V. C.,** Aloba O.S., Osamor I.P. (2010): **From wooden to digital notice board (DNB): Design and implementation for university administration.** *Int. J. Electr. Comput. Sci.*, 10(2): 79- 83.
<http://www.ijens.org/1010502-6868%20IJECS-IJENS.pdf> or
<http://www.ijens.org/IJECS%20Vol%2010%20Issue%2002.html>
18. **Osamor V.C. (2010): The Etiology of Malaria Scourge: A Comparative Study of Endemic Nations of Africa and Asia.** *J. Biol. Sci.* 10(3): 1-19
19. Adebisi E., **Osamor V.,** Doumbia S. (2009): Systems Biology for PCR detection of malaria at the liver stage. *EMBnet Journal* Vol 16, Suppl A.
20. Daramola J.O., **Osamor V.C.,** Oluwagbemi O.O. (2008): **A Grid-Based Framework for Pervasive Healthcare Using Wireless Sensor Networks: A case for Developing Nations.** *Asian J. Inform. Technol* 7(6):260-267.
<http://www.medwelljournals.com/fulltext/ajit/2008/260-267.pdf>

(b) Books

21. Ayo C.K., Ikhu-Omoregbe N., **Osamor V.C.,** Adebisi M. (2011): **Fundamentals of Computer Application.** *Rehoboth Publications int'l Ltd.,* Lagos. ISBN 978-978-917-275-7. 348 pages.
22. **Osamor V.C. (2010): Simultaneous and Single Gene Expression: Computational Analysis for Malaria Treatment Discovery.** *Verlag Dr Muller (VDM) Publishing, Germany.*
23. Ayo C.K., Ikhu-Omoregbe N., **Osamor V.C.,** Ekong V. (2007): *Computer Application Packages.* *McKay Educational Series,* Lagos.

(c) Conferences with papers

24. Osamor V.C. and Osunkoya S.O. (2014): **Sensor Signaling in Intelligent Traffic Control Solution Using Fuzzy Logic.** *Accepted for oral presentation at IEEE Conference on Global Summit on Computer and Information Technology (GSCIT 2014), June 14-16, Sousse, Tunisia.*

25. **Osamor V.C. (2013): A Simplified Integrated Automation of Clustering Indices for Quality Validation and Comparison.** Accepted for oral presentation at *The International Society for Computational Biology (ISCB) and African Society for Bioinformatics and Computational Biology (ASBCB) Conference on Bioinformatics, March 13-15, Casablanca, Morocco.*
<http://www.iscb.org/images/stories/iscbafrica2013/africa2013-program-book-v2.pdf>
26. **Osamor V.C., Ntie F., Omotosho O. (2011): Selenium, Selenoproteins and the Human Health System: Curative or Potential Poison.** Accepted for oral presentation at *Joint Conference of ISCB Africa/ ASBCB and African Society of Human Genetics, Capetown, South Africa.*
27. **OSAMOR V.C., Oludumila S.O. (2011): Using Open Source Classes to Solve Bioinformatics Problems of Sequence Alignment.** Book of Abstracts of 4th ANDI International Conference on “African Network for Drugs and Diagnostics Innovation. United Nations Conference Center, Addis Ababa, Ethiopia. 24 - 27 October 2011, Pp 117.
<http://www.andi-africa.org/images/Docs/4th-ANDI-MEETING-Programme-Book-final.pdf>
28. **Osamor I.P. and Osamor V.C. (2010): Financing the health system: A critical analysis of Nigerian health sector.** Book of Abstracts of 3th ANDI International Conference on “African Network for Drugs and Diagnostics Innovation. United Nations Office in Nairobi (UNON), Kenya. 11-13 October 2010, Pp 111.
http://www.andi-africa.org/images/stories/docs/Programme_Booklet.pdf
29. **Osamor V.C. (2010): Thriving DNA technology and ICT Impact in genomic era: An African perspective.** Book of Abstracts of 3th ANDI International Conference on “African Network for Drugs and Diagnostics Innovation. United Nations Office in Nairobi (UNON), Kenya. 11-13 October 2010, Pp 111-112.
http://www.andi-africa.org/images/stories/docs/Programme_Booklet.pdf
30. **Osamor V., Adebisi E., Doumbia S. (2009): Comparative Functional Classification of *Plasmodium falciparum* Genes using k-means Clustering.** Accepted for oral presentation at IACSIT-SC, *IEEE Computer Society Press, Pp 491-495.*
<http://doi.ieeecomputersociety.org/10.1109/IACSIT-SC.2009.107> or
<http://www.computer.org/portal/web/csdl/doi/10.1109/IACSIT-SC.2009.107>
<http://www.iacsit.org/2009sc/accepted.htm>
Thomson Reuters ISI Impact Factor: Indexed
31. **Osamor V.C., E. Adebisi, et al. (2009): PCR-based Detection of Malaria at Liver Stage.** *Proceedings of ANDI International Conference on “African Network for Drugs and Diagnostics Innovation: Creating a sustainable platform for R&D innovation in Africa”.* Medical Research Centre (MRC), South Africa.
<http://www.meeting.tropika.net>
32. **Osamor V.C., Adebisi E.F., Doumbia S. (2009): Simultaneous and Single Gene Expression Computational Analysis for Malaria Treatment Discovery.** *Proceedings of the First BIOMics Conference and Workshop.* Weizmann Institute

of Science (WIS), Rehovot, Israel. Aug. 30-Sept. 4, 2009.

33. **Osamor V.C.** (2008) : Antimalarial Drug Design Promises from African Plants. *Proceedings of ICS-UNIDO International Conference on “Drug Design and Discovery for Developing Countries”*, Trieste, Italy.
<http://www.ics.trieste.it/portal/ActivityDocument.aspx?id=5713>
34. **Osamor V.C.**(2008):Exploring Bioinformatics, Molecular Dynamics and Combinatorial Chemistry Approaches in Drug Development. *Proceedings of ANDI International Conference on “African Network for Drugs and Diagnostics Innovation: Creating a sustainable platform for R&D innovation in Africa”*.
http://www.meeting.tropika.net/andi/files/2008/10/andi_abstract.pdf
35. **Osamor V.,** Adebisi E., Oyelade J., Doumbia S.(2008): Metric Matrices k-means (MMk-means) for Clustering Malaria Microarray Data. *Proceedings of the 16th International Conference on Intelligent Systems for Molecular Biology (ISMB 2008), Toronto, Canada (See Poster B48)*.
<http://www.iscb.org/uploaded/css/24/3195.pdf>
<http://www.compsysbio.org/lab/ismb2008/ISMB2008/Posters/3195.pdf>
36. Chinedu S, Omonhinmin A, Dike I., Omotosho O., **Osamor V.**, Oyelade O., Adebisi E. (2008): Species Level Characterisation in *Thaumatococcus daniellii*: Re-evaluating Morphological Evidences via In-Silico Studies. *Proceedings of the 16th International Conference on Intelligent Systems for Molecular Biology (ISMB 2008), Toronto, Canada (See Poster C07)*
<http://www.compsysbio.org/lab/ismb2008/ISMB2008/PosterC.html>
<http://www.compsysbio.org/lab/ismb2008/ISMB2008/Posters/3089.pdf>
37. **Osamor V.C** and Adebisi E. F (2007): Microarray Technology: An experimental and computational way to eradicate malaria in Africa. *Proceedings of 9th International Conference of Nigeria Computer Society on Millennium Development Goals in Nigeria, Owerri, Nigeria.* <http://www.ncs-nig.org>
38. **Osamor V.,** Adebisi E. and Doumbia S. (2007): K-Means Clustering and the Analysis of Malaria Microarray Data (MMD). *International Conference on the Bioinformatics of African Pathogens and Disease Vectors, Nairobi, Kenya(See Poster6,Pp.20-21)*.
(http://www.lirmm.fr/france_afrique/Nairobi2007/selected_participants.php)
39. **Osamor V. C.** and Adebisi E. F. (2007): Microarray Analysis For Human Malaria Parasite *Plasmodium Falciparum* Using K-Means Clustering Computational Approaches (2007). *Proceedings of the First Southern African Bioinformatics Workshop (SABioinf 2007), Johannesburg, South Africa, ISBN 978-0-620-38113-0, Page 89 (See Poster*
<http://www.bioinf.wits.ac.za/conference/sabioinf2007.pdf>)
40. Daramola J.O, **Osamor V.C.**, and Oluwagbemi O.O. (2007): Real-Time Monitoring of Healthcare Patients Using Wireless Sensor Networks. *Proceedings of 9th International Conference of Nigeria Computer Society on Millennium Development Goals in Nigeria, Owerri, Nigeria.* Available at [7](http://www.ncs-</div><div data-bbox=)

41. Adebisi E.F., **Osamor V.C.**, Fatumo S. (2005): A Significant Difference in output among Microarray Experiment Front-end Tools. *Proceedings of the 13th International Conference on Intelligent Systems for Molecular Biology (ISMB 2005)*, Michigan. U.S.A. (See Poster E-6, http://www.iscb.org/ismb2005/posters_list.html)
42. Adebisi E.F., **Osamor V. C.**, Fatumo S. (2005): Conventional Doctor's medication steps versus technologies emerging from Bioinformatics. International Conference on Human Development(ICHHD), Covenant University, Ota, Ogun State.

Delivery of lead paper/ keynote addresses

(i) BIOINFORMATICS 2008

Presentation on "Microarray Analysis" at Bioinformatics 2008 (Theme: **Bioinformatics and Computational Molecular Biology Techniques**) organised by Bells University of Technology & West African Bioinformatics Research Initiative held at the Bells University of Technology, Ota, Ogun state.

(ii) International Workshop on Pattern Discovery in Biology (IWPDB) 2009

Presentation on "Biology Interpretation of Bioinformatics Result". Organised by Covenant University, Nigeria.

INTERNATIONAL WORKSHOPS ATTENDED

- The Third Conference on Bioinformatics of African Pathogens, Hosts and Vectors, Capetown, South Africa (6 – 11 March, 2011).
- *In Silico* systems biology: network reconstruction, analysis & network based modeling, European Bioinformatics Institute, Hinxton, Cambridge, (23-26 May 2011).
- *First BIOmics Conference and Workshop*. Weizmann Institute of Science (WIS), Rehovot, Israel. Aug. 30-Sept. 4, 2009.
- International Conference on "Drug Design and Discovery for Developing Countries", at the JOLLY Hotel, Corso Cavour 7 in Trieste, Italy. *Organised and sponsored by International Centre for Science and High Technology of UNIDO (ICS-UNIDO) : July 3rd -5th , 2008*
- Training and Workshop on Annotation and Bioinformatic Analysis of Glossina cDNA. *Sponsored and organised by UNICEF/UNDP /WHO/WORLD BANK/TDR, South African National Bioinformatics Institute(SANBI), University of Western Cape, Cape Town, South Africa (Nov.12-18th ,2007).*
- Wellcome Trust Advanced Course: Functional Genomics and Systems Biology held in Cambridge, UK. *Organised and sponsored by Wellcome Trust (20-29July 2007).*
- Bioinformatics for Africa (Nairobi 2007) Workshop & Conference on the Bioinformatics of African Pathogens and Disease Vectors ILRI and ICIPE Campus, Nairobi, Kenya. *Organised by CNRS, ILRI & ICIPE (May 28 –Jun. 2, 2007).*
- WHO/TDR sponsored International Workshop on Functional Genomics of

Insect Vectors of Human Diseases at Malaria Research Training Center, Bamako, Mali. *Supported by: MR4, UCLA, NIH/NIAID. (Nov.29-Dec. 13, 2006).*

- International Workshop on “New Trends in Mathematics and Computer Science with Application to Real World Problems” at Ota, Ogun state Nigeria. (19-23rd June, 2006). *Organized by Covenant University, Nigeria University Commission (NUC), International Center for Mathematical and Computer Sciences(ICMCS).*
- International Workshop on Pattern Discovery in Biology at Ota, Nigeria held at Ota, Nigeria (2005). *Organised and sponsored by Covenant University, Nigeria.*

COURSES THAT I TEACH

Introduction to Bioinformatics, Introduction to computer Science, Use of Computer & ICT, Use of Library Study Skill & ICT II, Use of Software Packages I, Use of Software Packages II, Use of Software Packages III, Research Methodology, Compiler Design, Statistical Methods, Operating System, Bioinformatics 1, Bioinformatics II, Computational Biology and Interdisciplinary Topics, Computer Architecture, ICT and Research Methodology, Current topics in Computing, Problem solving and programming, Data Structure, Statistical Computing. Computational and Molecular biology.

RESEARCH INTEREST

Computational biology/Bioinformatics and Public health. Infectious and vector borne diseases research especially malaria. Modeling and Network Reconstruction, Functional genomics, K-means Clustering, Microarray data analysis, Genome-Wide Association Studies (GWAS), Next Generation Sequencing, Bioinformatics tools application, Drug discovery, PCR, Proteomics and Drug design.

RESEARCH SUPERVISION & CURRENT DUTIES

- (i) Undergraduate Supervision & Teaching: Supervised over 100 undergraduate students in 13 years. Teaches an average of 6 undergraduate courses per Session.
- (ii) Postgraduate Teaching & Supervision: M.Sc. & Ph.D Bioinformatics students.

Membership of editorial board of Journals:

Editorial Board Member- Organic and Medicinal Chemistry Letters (Springer) – (Thomson Reuters (ISI) indexed)

<http://www.springer.com/chemistry/organic+chemistry/journal/13588?detailsPage=editorialBoard>

Associate Editor-Covenant Journal of Informatics and Communication Technology (CJICT)

<http://journals.covenantuniversity.edu.ng/cjict/editors-cjict.php>

Reviewer – Medicinal Chemistry Research (Springer) – ISI indexed

- Scientific Research and Essay (Academic Journals)

- [Organic and Medicinal Chemistry Letters](#) (Springer) – ISI indexed

- Review of Computer Engineering Research

Delivery of lead paper, keynote addresses or public lecture:

i) BIOINFORMATICS 2008

(BIOINFORMATICS AND COMPUTATIONAL MOLECULAR BIOLOGY TECHNIQUES)

Talk: Presentation on “Microarray Analysis” at Bioinformatics 2008 (Theme: **Bioinformatics and Computational Molecular Biology Techniques**)

Organiser: The Bells University of Technology & West African Bioinformatics Research Initiative.

Venue: Held at the Bells University of Technology, Ota, Ogun state.

Date: July 15-18, 2008.

ii) 2nd IWPDB 2009

(THEME: SECOND INTERNATIONAL WORKSHOP ON PATTERN DISCOVERY IN BIOLOGY)

Talk : Presentation on “Bioinformatics Interpretation of Biological Results”.

Organiser: Bioinformatics Cluster, Covenant University - Dept. of Computer and Information Sciences (Bioinformatics Unit), Ota, Ogun State.

Venue: Held at the Covenant University, Ota, Ogun state.

Date: July, 2009.

iii) WORLD HEALTH DAY/ MALARIA DAY SEMINAR

Talk: Seminar presented on “Liver Stage Malaria- Challenges Ahead”

Organiser: Bioinformatics Cluster, Covenant University

Venue: African Leadership Development Centre (ALDC)

Date: Apr 25, 2012

iv) Joint ISCB and ASBCB Conference

Talk: Oral presentation on “A Simplified Automation of Clustering Indices for Quality Validation and Comparison”.

Organiser: ISCB and ASBCB

Venue: Casablanca, Morocco

Date: 11-15, March, 2013.

Research Clusters Membership

- (a) Head, Bioinformatics for Public Health Subdivision of Covenant University Bioinformatics Research (CUBRE).
- (b) Member- Covenant University Public Health and Wellbeing Research Group (CUPHARG)

Honours won by Clusters

As Bioinformatics Research Cluster (CUBRE) subdivision head and member:

-Won H3ABIONET/ H3Africa Research Grant - National Institute of Health/ Wellcome Trust, USA.

-Organised 1st International Workshop on Pattern Discovery in Biology (1st IWPDB) –

2005.

- Organised 2nd International Workshop on Pattern Discovery in Biology (2nd IWPDB) – 2009
- World Health Day/ Malaria Day- Seminar presented on Liver Stage Malaria- Challenges Ahead - (Apr 25, 2012)

As Covenant University Public Health and Wellbeing Research Group (CUPHARG)

- Medical Outreaches at ILOGBO, IYANA-IYESI, ATAN -2012
- Exhibitions at the 10th Anniversary of Covenant University -2012
- Cold Chain support at CUHC for the ADO/ODO local Government (**CUPHWRG**)

Community Development Participation and Initiative

- Headed a team that organised Computer Training and Empowerment program for Teachers at Iganmode Grammar School and Iju-Ibiye Secondary School (**CIS Dept**).
- World Health Day/ Malaria Day- Seminar presented on Liver Stage Malaria- Challenges Ahead (Apr 25, 2012) (**Bioinformatics Research Cluster**)
- Medical Outreaches and awareness (Monitoring of Communities BP, Blood Sugar, Weight, Malaria Infection and distribution of free drugs at ILOGBO, IYANA-IYESI, ATAN-2012 (**CUPHWRG**))
- Cold Chain support at CUHC for the ADO/ODO local Government (**CUPHWRG**)

University Committee Membership and Participation

Coordinator, Post-graduate Committee (CIS)
Course Adviser – 200L, Computer Sciences
Coordinator – CST University-wide Courses
Member- Central University Committee on LifeLong Learning (2011-date)
Member- Central Convocation Planning Committee (2011-12)
Member – Central Senate Standing Committee on University-wide Courses
Member – Central Committee on Covenant University 10th Anniversary Event
Member- Examination Moderation Committee
Member – Curriculum Development Committee
Chairman – Re-accreditation Committee on Physical Facilities
Chairman – CIS Budget Planning Committee
Chairman – Computer Empowerment and Training

Post Graduate and Undergraduate Teaching and Project Supervision

PG: Bioinformatics 1, Bioinformatics 11, ICT and Research Methodology

Undergraduate: Introduction to Bioinformatics, Computer Animation, Statistics, Research Methodology, Use of Library study skills and ICT 1, Use of Library Study Skills and ICT 2, Compiler Design, Operating System, Use of Software Packages 1, Use of Software Packages 11.

Project Supervision: Both Undergraduate and Postgraduate.

Academic Linkages

Collaboration attracted to the University

- i) Membership of several professional bodies (see page 1 above) that foster collaboration and innovative partnership that attract good opportunities to the University.
- ii) Collaborative technical expertise within EMBnet (European Molecular Biology Network) leading to the choice of Covenant University as the National node to coordinate other West African emerging node in the newly formed Bioinformatics Training Network (BTN). The BTN is an initiative that provides support for sustaining the biocomputing facilities of the member nodes meant to speed up but ensure quality training of core bioinformaticians.
- iii) Collaboration of Covenant University with African Network for Drug and Diagnostics Initiative (ANDI) for African-led production of drugs.
- iv) Use of personal contacts to attract research linkage and collaboration (locally and internationally): Ongoing ICS-UNIDO (Italy) and Covenant University research partnership.
- v) Collaboration with and recognition in professional circles (e.g award and fellowship, attracting grants)
- vi) Collaboration with Medicare Hospital/Bioinformatics Cluster to organize World Health Day- April 25, 2012.
- vii) Collaboration with Ado / Odo Local Government on Cold Chain for Immunization under CUPHWRG.