

Isewon Itunuoluwa Marian (Nee Ewejobi)

Personal Information

Date of birth 08 September 1986

Nationality Nigerian

Emails itunu.isewon@covenantuniversity.edu.ng, i.ewejobi@daad-alumni.de,

Languages English (Very Good), Yoruba (Native) and German (Intermediate)

Education:

2009 – Till Date Ph.D (in view) Computer Science (Bioinformatics Option)
Covenant University, Ota, Ogun State, Nigeria.
Proposed Thesis Title: “Transcription Factor(s)-Target Detection in the malaria parasite *Plasmodium falciparum*”

2007 – 2009 M.Sc Computer Science (DISTINCTION)
Covenant University, Ota, Ogun State, Nigeria.
Project Title: “Design and Development of The African *Plasmodium falciparum* Database (afriPFdb)”

2002- 2006 B.Sc Computer Science (First Class Hons)
Covenant University, Ota, Ogun State, Nigeria
Project Title “A Neural Network Model for Malaria Prediction”

Work Experience:

02/2009 – Till Date Assistant Lecturer, Covenant University, Ogun State, Nigeria
07/2008 – 10/2008 Intern (software development group), Spring Bank Plc, Head Office, Lagos, Nigeria
09/2007 – 01/2009 Graduate Assistant, Covenant University, Ogun State, Nigeria
10/2007 – 08/2007 IT Support Staff, Union Bank Nigeria Plc, Kebbi State, Nigeria

Publications / Conferences

1. Obagbuwa, I. C., Oyelade. O. J., Oladipupo. O. O., **Ewejobi I. M.**, Aborisade D. O. *Design and Implementation of Meetings Document Management and Retrieval System*. International Journal of Computer Science and Security (IJCSS), Volume (6) : Issue (6) : 2012
2. **Ewejobi I.** (2011). *Building A Biological Database*. LAP Lambert Academic Publishing. Koln, Germany: ISBN 978-3-8433-8294-6,
3. Jelili Oyelade, **Itunu Ewejobi**, Benedikt Brors, Roland Eils’ and Ezekiel Adebisi: *Computational Identification of Signalling Pathways in Plasmodium falciparum*, Infection, Genetics and Evolution Journal(Elsevier), 11(4), 755-764, 2011.
4. **Ewejobi, I.**, Adebisi, E. F., Bulashevskaya, S., Brors, B., Eils, R. *In-silico prediction of the genetic regulatory interactions in Maurer’s cleft pathway of Plasmodium falciparum*. Proceedings of the 1st Joint ISCB Africa ASBCB Conference on Bioinformatics of Infectious Diseases, MRTC, Bamako, Mali, November 30 – December 2, 2009.
5. Jelili Oyelade, Ezekiel Adebisi, **Itunu Ewejobi**, Svetlana Bulashevskaya, Benedikt Brors and Roland Eils. *Computational identification of functional modules in Plasmodium falciparum*. Proceedings of the 1st Joint ISCB Africa ASBCB Conference on Bioinformatics of Infectious Diseases, MRTC, Bamako, Mali, November 30 – December 2, 2009.

6. **Ewejobi I.**, Oyelade J., Fatumo S., *Qualitative and Quantitative modelling of the glycolysis pathway in Plasmodium falciparum using Petri net theory*. Proceedings of the 2nd ISCB Africa ASBCB Conference on Bioinformatics, 9-11th March 2011, Cape Town, South Africa.
7. **Ewejobi, I.**, Adebisi, E. F., Bulashevskaya, S., Brors, B., Eils, R. *In-silico* prediction of the genetic regulatory interactions in Maurer's cleft pathway of *Plasmodium falciparum*. Poster Proceedings at International Conference & Meetings EMBnet-RIBio, Cancun, Mexico October 26th - 29th, 2009.

Invited Oral Presentation

1. **Itunu Ewejobi**, Transcription Factor(s)-Target *in-silico* Detection in the malaria parasite. IBioS (Integrative Bioinformatics and Systems Biology) Annual Retreat, Jan 30th – Feb 3rd 2012, Kleinwarsertal, Austria.

Academics Linkages

On-going Collaboration/Research Linkages

German Cancer Research Center (DKFZ), Heidelberg, Germany.

Contact: Dr. Benedict Brors

Research Topic: Transcription Factor(s)-Target Detection in the malaria parasite *Plasmodium falciparum*”

Awards / Fellowships / Grants / Scholarships

1. International Society for Computational Biology (ISCB) Student Council Award for internship at Prof. Buchard Rost lab, Technische Universität München, Munich campus –October 2010
2. The Deutscher Akademischer Austauschdienst – DAAD (German Academic Exchange Service) Scholarship Award for further academic study and training in Germany (March 2011).
3. International Society for Computational Biology Travel Fellowship to attend the 1st Joint ISCB Africa ASBCB Conference on Bioinformatics of Infectious Diseases, MRTC, Bamako, Mali, November 30 – December 2, 2009.
4. European Molecular Biology network (EMBnet) Travel Fellowship to attend the International Conference & Meetings EMBnet-RIBio, Mexico October 26th - 29th, 2009.
5. International Society for Computational Biology Travel Fellowship to attend the the 2nd ISCB Africa ASBCB Conference on Bioinformatics, 9-11th March 2011, Cape Town, South Africa.

Other Honors/Award

Babington Macaulay Junior Seminary (BMJS) Ikorodu: Award of Excellence (Most Outstanding Alumnus) October 2009.

Teaching Experience

Over four years of teaching experience gained at Covenant University in teaching the following courses;

- Analysis of Algorithm
- Systems Analysis and Design
- Software Packages for Biology Sciences
- Introduction to Bioinformatics
- Introduction to Computer Programming
- Object Oriented Programming
- Artificial Neural Networks.

Programming skills

Experienced user: C++, R, Java, Perl, SQL, and MatLab

Leadership/Membership of University Committees - (Covenant University)

- **Secretary, Bio-informatics Research Group, 2009 – 2011.**
- **Academic Adviser, 200 Level Computer Science, Department of Computer and Information Sciences.**
- **Member, Steering committee** of the 2nd International workshop of pattern discovery in Biology (IWPDB) 2009.
- **Chair,** Registration sub-committee of the 1st International Conference and Workshop on Software Engineering and Intelligent Systems, 2010.
- **Chair,** Reach For The Stars (RFTS) Concept Development and Initiation Committee of the CU-iFund August – October 2010.
- **Panellist,** Covenant University Scholastic Aptitude Screening (CUSAS), 2010 – 2011
- **Member,** Convocation Planning Committee , 2010 - 2011.
- **Member,** CU Alumni Investiture Planning Committee 2009 – 2010.
- **Member,** Steering Committee, Eagles Summit 2009 & 2010 Editions of the Covenant University Alumni Association.
- Taught courses in the University's Weekend Computer Training Programme for High School teachers in Ota Community, December 2009 & June 2011.

Hobbies: Cooking, singing and mentoring young ones.