**OLABISI ONABANJO UNIVERSITY, AGO-IWOYE, NIGERIA**

**CURRICULUM VITAE AND ANNUAL APPRAISAL SHEET FOR 2012/2013**

**ACADEMIC STAFF FOR FULL APPRAISAL**

1. **PART 1: PERSONAL DATA**

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| 1. | Name: | **OLUBOMEHIN**, OSEYEMI OMOWUNMI  |
| 2. | Department: | Chemical Sciences |
| 3. | College/ Faculty: | Science |
| 4. | Date & Place of Birth: | 23 Nov., 1969, Okitipupa |
| 5. | Nationality: | Nigerian |
| 6. | Marital Status: | Married |
| 7. | No. of Children: | Four |
| 8. | Name & Address of Spouse: | Prof. O. O. Olubomehin |
|  |  | Dept. of History & Diplomatic Studies, |
|  |  | Olabisi Onabanjo University. |
| 9. | Name & Address of Next of Kin: | Same as ‘8’above |
| 10. | Date of 1ST Appointment with the University: | 10th Sept., 1998 |
| 11. | Date of 1ST Appointment & Sal.,: | Grad. Assist; UASS 1/02 |
| 12. | Present Position and Salary: | Lecturer II, UASS 3, Step 5 |
| 13. | Date of Last Promotion: | 1st October, 2013 |
| 14. | Date of Confirmation of Appointment: | 24th February, 2015 |
| 15. | Period of Present Contract: | Nil. |
| 16. | Total Number of Years of Teaching and Research in the University: | 18 Years |
| 17. | E-mail address | olubomehin.oseyemi@oouagoiwoye.edu.ng |

**B. EDUCATIONAL BACKGROUND**

 **1. Academic Qualification/ Institutions attended (with dates)**

|  |  |
| --- | --- |
| B.Sc. (Hons.) Chemistry, University of Ibadan | 1990 |
| M.Sc.(Organic Chemistry) Lagos State University |  2005 |
| Ph.D. Pharmacognosy, University of Ibadan |  2015 |

 **2. Current Higher Degree Programme Registered For Nil**

 **3. Awards and Distinctions**: 2nd Best Poster Presentation at the 12th Scientific Conference of the Nigerian Society of Pharmacognosy held between 22nd and 25th November, 2010 at the National Sickle Cell Centre, Idi-Araba, Lagos.

**C. WORK EXPERIENCE**

1. Previous Work experience Outside the University system: Nil
2. Previous Work Experience In Other Universities: Nil
3. Details of Professional Experience at Olabisi Onabanjo University :

**(i)Teaching Functions:**

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|  **HARMATTAN SEMESTER** |
| **COURSE CODE/ UNITS** | **COURSE TITLE** |
| CHM 211 3 | Organic Chemistry I |
| CHM 313 1 | Natural Products Chemistry I |
| CHM 311 4 | Organic Chemistry II |
| CHM 399 1 | Seminar |
| CHM 411 2 | Principles of Organic Synthesis |
| CHM 413 2 | Natural Products Chemistry II |
| CHM 491 1 | Seminar |
| CHM 803 3 | Organic Spectroscopy |
| CHM 815 3 | Chemistry of Carbohydrates, proteins, and Fats |
| CHM 899 6 | Research project |

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|  **RAIN SEMESTER** |
| **COURSE CODE/ UNITS** | **COURSE TITLE** |
| CHM 312 2 | Applied Spectroscopy |
| CHM 392 6 | Industrial Training  |
| CHM 412 2 | Heterocyclic Chemistry |
| CHM 499 6 | Research Project |
| CHM 812 3 | Organic Reactions and Synthesis |
| CHM 816 3 | Colour Chemistry |
| CHM 830 1 | Seminar presentation |
| CHM 834 1 | Experimental Techniques in Organic Chemistry |

 (ii) **Research (completed/ On-going**): I have the following completed research work:

* Anti-diabetic agents from the leaves, stem bark and whole root of *Anthocleista djalonensis* and *Anthocleista vogelii.*
* Alpha-amylase inhibitory activities of *Anthocleista djalonensis* and *Anthocleista vogelii*
* Anti-oxidant evaluation of *Anthocleista djalonensis* and *Anthocleista vogelii*
* Investigation into the alpha-amylase inhibitory activities of the leaves of *Momordica* *charantia, Ageratum conyzoides* and *Blighia sapida*.

**(iii)** **Administrative functions and Contributions to the University**:

|  |  |
| --- | --- |
| Assistant Departmental Examination Officer  | 2000-2005 |
| Departmental Seminar Coordinator | 2005-2010 |
| 400 Level Adviser | 2009/2010 session |
| Departmental CESAP Coordinator | June, 2010- August, 2012 |
| Part Adviser to students in 100-400 Level  | 2013/2014 session |
| Member, Departmental Accreditation Committee | Jan, 2015 |
| Branch Secretary, Chemical Society of Nigeria (OOU, Chapter) | Jan, 2015  |
| Departmental Postgraduate Coordinator | May, 2015 |
| Students’ Welfare Officer | December, 2015 to date |
| Departmental Welfare Committee | December, 2015 to date |

 **(iv) Contribution to the Nation:**

* Pioneer Secretary, Ogun State Chapter of the Chemical Society of Nigeria
1. **MEMBERSHIP OF PROFESSIONAL AND ACADEMIC BODIES**:
* Member, Chemical Society of Nigeria (CSN)
* Member, Nigerian Society of Pharmacognosy (NSP)
* Member, Institute of Chartered Chemists of Nigeria (ICCON)
* Member, Science Association of Nigeria (SAN)
1. **PUBLICATIONS:**
2. **Thesis/Dissertations**:
3. Olubomehin, O.O. (2004) Phytochemical screening and Functional Group Analysis of the Leaf extract of *Melanthera Scandens*” M.Sc. dissertation, Lagos State University, Ojoo, Lagos
4. Olubomehin, O.O. (2009) Anti-diabetic activity of *Anthocleista djalonensis* A. Chev” M.Phil/Ph.D conversion dissertation, University of Ibadan, Ibadan.
5. Olubomehin, O.O. (2014) Anti-diabetic and anti-oxidant evaluation of *Anthocleista djalonensis* A. Chev and *Anthocleista vogelii* Planch. Ph.D. Thesis, University of Ibadan, Ibadan.
6. **Monographs:** Nil
7. **Published Journal Articles:**
8. Oluwafemi, S. O., Mohan, S. **Olubomehin, O.O.** Osibote, O.A. & Songca, S.P. 2016. Size tunable synthesis of HDA and TOPO capped ZnSe nanoparticles via a facile aqueous/thermolysis hybrid solution route. Journal of Material Sciences science: Materials in Electronics 27(4):3880-3887. (Springer, New York)
9. Oluwafemi S. O., Ncapayi V., **Olubomehin O.O.**, Osibote O.A, Songca S. P. 2014. A facile non-organometallic synthesis of hexadecylamine-capped ZnSe nanoparticles. Materials Science in Semiconductor Processing 27: 427–432. (Elsevier)
10. Adeyemi O. O., **Olubomehin O. O.**, Bello R. O. 2014. *Ageratum conyzoides* Leaf extract as Inhibitor for corrosion of six 316 Steel in sulphuric acid solution. Journal of Chemical society of Nigeria; 39 (2): 96-101. (Nigeria)
11. **Olubomehin, O. O**., Abo, K. A., Ajaiyeoba, E. O. 2013. Alpha–amylase inhibitory activity of two *Anthocleista* species and *in vivo* Rat model anti-diabetic activities of *Anthocleista djalonensis* extracts and fractions. *Journal of Ethnopharmacology* , 146, 811-814. (Elsevier, Ireland).
12. Adewuyi G. O., **Olubomehin O. O.** and Ayanniyi A. W., 2010. High Performance Liquid Chromatographic method with improved U.V. and Fluorescent Determination of proguanil after derivatization with Sodium Benzoxazole-2-sulphonate. *African Journal* *of Biotechnology,* 9 (6), 900-905. Available online at [http://www.academicjounals.org/AJBISSN 1684-5315](http://www.academicjounals.org/AJBISSN%201684-5315) © 2010 Academic Journals.
13. Fred-Jaiyesimi A. A., **Olubomehin O. O**., Wilkins R. M. and Abo K. A., 2009. Bioactivity-guided fractionation of fermented seeds of *Parkia Biglobosa* (Jacq) Benth. *Nigerian* *Journal of Natural Products and Medicine,* 12, 55-59. ISSN 11186267. (Nigeria).
14. Moronkola D. O., Oladosu I. A., Ogunwande I. A. and **Olubomehin O. O.** 2008. Comparison of the Chemical Compositions of the Essential oils from the Aerial Parts, fruits and Roots of Nigerian *Laportea aestuans* (L.) Chew (Urticaceae). *Natural Products Communications*, 3 (11), 1921-1924. (Natural Product Inc., Ohio, USA).
15. Adeyemi O. O., **Olubomehin O. O.,** Omisakin O.O. and Balogun S.O. 2008. Aqueous extract of *Talinum Triangulare* as Green Inhibitor for Corrosion in Sodium Hydroxide Solution. *African Journal of Pure and Applied Sciences*, 1 (2), 25-29. (Nigeria).
16. **CONTRIBUTION TO BOOKS:** Nil
17. **PROCEEDINGS**

 Ariyo S.O., Fasuwon O.O., **Olubomehin O.O.,** and Odugbesi F.T. 2008. Investigations of Groundwater Prospect Using the Vertical Electrical Sounding at Isara Remo, South Western Nigeria. Referred Proceedings: Physics for Sustainable Environment, Transportation and Economic Empowerment, 2, 56-59.

1. **PAPERS ACCEPTED for PUBLICATIONS (with acceptance letter):**
2. **Olubomehin**, **O.O.,** Adeyemi., O.O., Atewolara-Odule , O.C., Ashidi J. S.and Hashimi, A.M.:Screening of different crude extracts of the leaves of *Momordica charantia* Linn and *Blighia sapida* Koenig for possible alpha-amylase inhibitory potential. African Journal of Science and Nature. (Nigeria)
3. **Olubomehin, O.O.,** Adeyemi, O.O.and Awokoya, K.N.**:** Preliminary investigation into the alpha-amylase inhibitory activities of *Ageratum conyzoides* (Linn.) leaf extracts. Journal of Chemical Society of Nigeria. (Nigeria)

 **(vii) MANUSCRIPTS SUBMITTED FOR PUBLICATION: NIL**

  **F. CONFERENCES, WORKSHOPS, COLLEGES ATTENDED WITH DATES AND PAPERS READ:**

1. Workshop on Data Management, Institute of Education, Olabisi Onabanjo University, Ago-Iwoye, Nigeria, from 17-19July, 2002.
2. \*Nigerian Society of Pharmacognosy AGM/SC 2007. August 28-1 September, 2007. Bioactivity-guided fractionation of fermented seeds of *Parkia Biglobosa* (Jacq) Benth.
3. 1st Workshop on Research for National Development. 15-16December, 2007. Olabisi Onabanjo University, Ago-Iwoye.
4. \*1st Annual International Conference; Sourcechem 2008; 27-29 July, 2008. Chemical Compositions and Comparison of the Aerial, Fruit and Root Essential Oil Samples from the Nigerian *Laportea aestuans* L. Chew.
5. \*Conference on Physics for Sustainable Environment, Transportation and Economic Empowerment. 6 -8 August, 2008. Investigations of Groundwater Prospect using Vertical Electrical Sounding at Isara Remo South Western Nigeria.
6. \*31st Annual International Conference of the Chemical society of Nigeria. Deltachem 2008, 22-26 September. Compositions and comparison of the leaf and stem essential oils from Nigerian *hypoestes phyllostachya ‘rosea’* P. Beau (acanthaceae).
7. \*2nd Natural Products Research Colloquium and Guest Lecture; 20-21 October, 2008. Hypoglyceamic and alpha-amylase Inhibitory activities of fermented seeds of *Parkia Biglobosa* (jacq) Benth.
8. One day training workshop on “Equipping Laboratory-Based Scientists to Meet Modern Requirements in Research”. Held in the Department of Plant Science and Applied Zoology, Faculty of Science, Olabisi Onabanjo University, Ago-Iwoye, 10 June, 2010.
9. 33rd Annual International Conference, Workshop and Exhibition of the Chemical Society of Nigeria (Ogun 2010), 20-24 September, 2010.
10. \*27th Annual General Meeting and 12th Scientific Conference of the Nigerian Society of Pharmacognosy (UniLag. 2010). Medicinal Plants in Drug Discovery and Development. 22-25 November, 2010. Alpha-amylase Inhibitory and Anti-diabetic Activities of *Anthocleista djalonensis* A. Chev.
11. \*34th Annual International Conference, workshop and Exhibition (Kwara, 2011), 19-23 September, 2011.
12. 12th Annual Research Symposium: Faculty of Pharmacy, Rhodes University, Grahamstown. 31 October-2 November 2012.
13. \*The 3’S Company Pharmacy Conference 2013: Empowering Pharmacists for the Future. 3-6 October, 2013. Lagoon Beach Hotel, Cape Town South Africa. Anti-oxidant and alpha-amylase inhibitory activities of the extracts and fractions of two *Anthocleista* species.
14. \*38th annual International Conference, Workshop and Exhibition (Abuja 2015) 6-11, September, 2015. Preliminary investigation into the alpha-amylase inhibitory activities of *Ageratum conyzoides* (Linn.) leaf extracts.
15. \*Royal Society of Chemistry (RSC), Bioactive Natural Products: Translating Promise to Practice” from 11-13 July, 2016 at St. Catherine’s College, University of Oxford, UK Djalonenol and Decussatin, alpha-amylase inhibitors isolated from the stem barks and leaves of *Anthocleista djalonensis* A. Chev and *Anthocleista vogelii* Planch

\* *Papers were read at the Conferences*.

 **G. CONTRIBUTION TO NATIONAL AND INTERNATIONAL LIFE**

1. Within the University:
2. Outside the University:
3. Member, Board of Trustees: Christ Love Charity Foundation (Inc.)
4. I am an Interpreter and one of the Youth Pastors at Chapel of Victory, Sagamu.
5. I have honoured invitation to give talks at Regal College Sagamu during:

a. Their Graduation, Speech and Prize Giving Ceremony in 2006: a career guidance talk.

b. Their Valedictory Service in 2010: Turning your hobby into a Skill.

  07/07/16

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 Signature Date