|  |
| --- |
| **CURRICULUM VITAE** |
| **PERSONAL INFORMATION** |
| Name : ADJEPONG, Mary (PhD)  Date & Place of Birth : 30th October, 1987, Koforidua, Ghana  Nationality : Ghanaian  Marital Status : Single  Languages spoken : English and Twi  **Postal Address : Department of Biochemistry, PMB, KNUST**  Cell number: +233 266187195  E-mail: [madjepong2020@gmail.com](mailto:madjepong2020@gmail.com) |
| EDUCATIONAL BACKGROUND |
| 1. August 2014 to May 2018: Michigan State University, Michigan, PhD Human Nutrition 2. September 2012 – June 2014: Kwame Nkrumah University of Science and Technology, Kumasi, Ghana MPhil. Human Nutrition and Dietetics 3. August. 2006– June 2010: University of Science and Technology, Kumasi, Ghana.B.Sc. (Hons) Biochemistry (2nd Class Upper Division) 4. Sept. 2002 – June 2005: Ghana Secondary School, Koforidua. 5. Sept. 1999 – April 2002: Presbyterian JSS, Effiduase - Koforidua |
| **OTHER PROFESSIONAL TRAINING** |
| * ‘Write Winning Grant Proposal’ workshop, Michigan State University Graduate School, 2016. * Certificate Program in Epidemiology, Michigan State University, Department of Epidemiology and Biostatistics, 2015-2017. * Graduate of the Borlaug Summer Institute on Global Food security, at Purdue University, 2015 * Continuous Professional Development, Ghana Dietetic Association, November, 2013 * Continuous Professional Development, Ghana Dietetic Association, February, 2013 |
| **AWARDS** |
| * Bristish Council Job for Youths (Incubator) , current * PhD BHEARD scholar, August 2014 to August 2018. * Borlaug LEAP fellowship award, April 2016 to June 2017 |
| WORK EXPERIENCE |
| **January 2018 to date: Kwame Nkrumah University of Science and Technology**  **Position: Research fellow**  Responsibilities:   * Developing questionnaires for projects * Training field enumerators on questionnaire administration and various tools used for nutritional assessment in the various projects * Supervision of data collection * Any other roles assigned by PI   **August 2014 to August 2017: Michigan State University**  **Position: Graduate Research Assistant**  Responsibilities:   * Assisting students in food analysis * Lipid extraction * Fatty acid analysis * Mineral analysis * Whole blood fatty acid analysis   **February 2012 – May 2012: Infant Jesus, Lumen Christi School**  **Position held: Science Teacher, Grade 9**  Responsibilities:   * Preparing the grade 9 pupils for the Basic Education Certificate Examination * Supervising and teaching pupils.   **July, 2011 – January, 2012: International Development Research Chairs, University of Ghana, Legon**  **Position held: Field Research assistant**  Responsibilities:   * Conducting anthropometric measurements of subjects * Getting information from subjects through field interviews * Data entry   **Sept. 2010- July, 2011: Department of Biochemistry, KNUST, Kumasi, Ghana**  **Position held: Teaching and Research Assistant(National Service)**  Responsibilities:   * Coordinating and facilitating First year laboratory (Foundational Biochemistry) * Facilitating Third year laboratory (Analytical Biochemistry) * Handling tutorial lessons for first year (General Biochemistry) * Assisting lecturer in every lesson. * Any assigned responsibility from supervisor.       **January 2008- February 2008: St. Joseph’s Hospital, Koforidua. Ghana**  **Position held: Student Intern**  Responsibilities:   * Performing various laboratory tests after phlebotomy. * Any other responsibilities assigned by supervisor.   **June 2007- Aug 2007: Intravenous Infusions Limited**  **Position held: Student Intern**  Responsibilities   * Assist in performing various tests on the samples before filling * Assist in performing various tests on the samples after sterilization of the samples * Assist in the pyrogen laboratory   **January 2006 – July 2006: Scripture Union, Eastern Regional Office**  **Position held: Administrative Assistant**  Responsibilities   * Administrative assistant to the Regional Coordinator * Posting and receiving letters on behalf of the office * Handling the Scripture Union bookshop |
| SOME SEMINARS/WORKSHOPS ATTENDED |
| * Biosciences conference, KNUST, November, 2017   **(Presented a research)**   * USAID sponsored Biotechnology Forum for Women in Science, November 2017   **(Participant)**   * BHEARD conference in Washington DC, May 2017,   **(Presented a research)**   * Experimental Biology Conference, Chicago, Illinois, April, 2017   **(Presented a research)**   * Ghana Biomedical Convention annual conference, Ho, August, 2016   **(Facilitated a workshop and presented a research)**   * Experimental Biology Conference, San Diego, California, March, 2016   **(Presented a research)**   * World Food Prize Borlaug Dialogue, Des Moine, Iowa, October 2015   **(Participant)**   * Borlaug Summer Institute on Global Food Security, Purdue University, June 2015 **(Participant)** * BHEARD conference, Michigan State University, May, 2015   **(Participant)**   * Ghana Biomedical Convention annual conference, July 2014   **(Presented a research)**   * 43rd Scientific Meeting of Ghana Surgical Research Society, May, 2014.   **(Presented a research)**   * 7th Annual Graduate Student Association of Ghana, KNUST, Research Conference, April 2014.   (**Presented a research)**   * College of Health Sciences, 3rd Annual Scientific Conference, Reproductive and Child Health, Current Trends and Challenges, August 2010.   **(Presented a research)**   * Regional Leadership and Entrepreneurship Seminar,Vision Care Network International, June 2006. * **(Participant)** * Science Technology Mathematics Education Clinic for girls, STME. 2003.   **(Participant)** |
| **PUBLICATIONS** |
| * **Mary Adjepong,** Pius Agbenorku, Patricia Brown, Ibok Oduro(2015) The effect of dietary intake of antioxidant micro nutrients on burn wound healing: a study in a tertiary health institution in a developing country, Burns & Trauma, 3:12 * **Mary Adjepong**, Pius Agbenorku, Patricia Brown and Ibok Oduro (2016) The role of anti-oxidant micro nutrients on the role of recovery of burns patients, a systematic review, Burns and Trauma, 2016; 4: 18. * Theresia J. Jumbe, C. Austin Pickens, Kelly Valentini, **Mary Adjepong,** Wei Li, Joyce L. Kinabo and Jenifer I. Fenton, Evaluation of fatty acid and mineral content of Tanzanian seeds and oils(2016) JFCA, (50), 108-113 * **Mary Adjepong**, Kelly Valentini, C. Austin Pickens, Wei Li, William Appaw, Jenifer I. Fenton, Quantification of fatty acid and mineral levels of selected seeds, nuts and oils in Ghana.2017 JFAC, (59)43-49 * **Mary Adjepong**, Raghav Jain , William S. Harris, Reginald A. Annan and Jenifer I. Fenton, Association of whole blood n-6 fatty acids with stunting in 2-to-6-year-old Northern Ghanaian children: A Cross Sectional Study, PLoS ONE 13(3): e0193301. * **Mary Adjepong**, William Yakah, Reginald Annan, Matt Pontifex, William S Harris, Jenifer I Fenton, Whole Blood Fatty Acids are Associated with Executive Function in 2 to 6-Year-Old Ghanaian Children (Manuscript published at Journal of Nutritional Biochemistry, DOI 10.1016/j.jnutbio.2018.03.019) * **Mary Adjepong**, Jain Raghav, C. Austin Pickens, William Appaw, Jenifer I. Fenton, Quantification of fatty acid and mineral levels of selected seeds, nuts and oils in Northern Ghana. Journal of Food Science and Technology, 2018. https://doi.org/10.1007/s13197-018-3400-y * **Mary Adjepong,** William Yakah, William S. Harris, Esi Colecraft, Grace Marquis and Jenifer I Fenton, Association of whole blood fatty acids and growth in Ghanaian children 2-6 years of age, Nutrients, 2018, 10(8), 954 * **Mary Adjepong**, Jenifer Fenton, Suresh Chandra Babu , Drivers of Micronutrient Policy change in Ghana: An Application of the Kaleidoscope model. (Manuscript being finalized for submission) |
| **SOME CONFERENCE PRESENTATIONS** |
| * Mrs. F. O. Mensah, Edward Bentil, Dolo W. O., **Mary Adjepong**. Causes of Maternal Mortality in Ghana, A case study at the Koforidua Regional Hospital. Presented at College of Health Sciences, 3rd Annual Scientific Conferences, Reproductive and Child Health, Current Trends and Challenges, August 2010 * **Mary Adjepong,** Pius Agbenorku, Patricia Brown, Ibok Oduro, The effect of dietary intake of antioxidant micro nutrients on burn wound healing Presented at Ghana Surgical research conference, Ghana Biomedical Convention Conference and GRASAG research conference, all in 2014. * Theresia J. Jumbe, C. Austin Pickens, Kelly Valentini, **Mary Adjepong**, Wei Li, Joyce L. Kinabo and Jenifer I. Fenton, Determination of Essential Fatty Acids and Mineral Content in a variety of local Seeds and Oils available to residents of Rudewa-Mbuyuni village in Tanzania. Presented at Experimental Biology, 2016, San Diego, California. * **Mary Adjepong**, Kelly Valentini, C. Austin Pickens, Wei Li, William Appaw, Jenifer I. Fenton, Quantification of fatty acid and mineral levels of selected seeds, nuts and oils in Ghana. Presented at Experimental Biology,2016, San Diego, California. * Jain Raghav, **Mary Adjepong**, C. Austin Pickens, William Appaw, Jenifer I. Fenton, Quantification of fatty acid and mineral levels of selected seeds, nuts and oils in Northern Ghana. Presented at Experimental Biology,2017, Chicago Illinois. * **Mary Adjepong**, William Yakah, Raghav Jain , William S. Harris, Reginald A. Annan and Jenifer I. Fenton, Whole Blood Levels of the n-6 Essential Fatty Acid and Total PUFAs are Inversely Associated with Stunting in 2-to-6 Year Old Ghanaian Children: A Cross Sectional Study Presented at Experimental Biology,2017, Chicago Illinois * William Yakah, **Mary Adjepong**, Reginald Annan, Matt Pontifex, William S Harris, Jenifer I Fenton, Whole Blood Fatty Acids are Associated with Executive Function in 2 to 6-Year-Old Ghanaian Children Presented at Experimental Biology,2017, Chicago Illinois |
| **OTHER ACTIVITIES (VOLUNTEERING)** |
| * Volunteer/Visiting Scholar at the Department of Biochemistry and Biotechnology, KNUST * Scientific Committee member of the Ghana Biomedical Convention, annual meeting, 2017 * MSU expert at the World Food prize Michigan Youth Institute at Michigan State University, May 2016 * Graduate student evaluator at the University Undergraduate Research and Arts forum, (UURAF), April, 2016. * Facilitated a Food security workshop at the Ghana Biomedical Convention Annual Conference in Ho, Ghana, August, 2016. * Facilitator of USAID/BHEARD workshop on “Skill Building and Professional Development Workshop for Research Technicians”, KNUST, Kumasi * Assisted in a webinar presentation on ‘Research and poster presentation’ for BHEARD scholars, December, 2016 * Graduate student evaluator at the University Undergraduate Research and Arts forum, (UURAF), April, 2015 * Graduate student evaluator at the University Summer Undergraduate Research forum, (USURE), July, 2015 |
| **MEMBERSHIP OF PROFESSIONAL ORGANIZATION** |
| * American society of Nutrition, 2015 to date * Ghana Biomedical Convention, 2014 to date |
| **COMPUTER LITERACY** |
| * Microsoft office, Epi info, SPSS, WHO Anthro suite. |
| **PERSONAL PROFILE** |
| * Team player * Hardworking and can achieve desirable results under minimum supervision * Conscientious and dedicated to work * Teachable and has good interpersonal relationship skills * Excellent skills in computer software- great typing skills and good internet abilities. * Good planning skills |
| **HOBBIES** |
| Reading, listening to music, cooking, brainstorming |