

6.3 CONSULTANCY SERVICE:

2001	International Consultant for Biotechnology to Syria under the FAO Technical Cooperation Programmes.
2003	UN-FAO International Consultant for Biotechnology to the Republic of Tajikistan.
2004 to date	International Consultant and Chief Technical Advisor (CTA), UN- FAO Seed Potato Production Project in Tajikistan.

6.4 ADMINISTRATIVE EXPERIENCE:

UNIVERSITY:

- Head of Nanobiology Division, Nanoscience and Nanotechnology Research Center (NNRC). Shaw University. Aug. 2005 to date
- Acting for Director, Biotechnology Centre, UWI, Mona. Feb. – Apr. 2002
- Project Leader and Co-ordinator, UWI Yam Biotechnology Project. Aug. 1993 - date
Directing and co-ordinating Yam research activities between the Biotechnology Centre, Basic Medical Sciences (Biochemistry) and Life Sciences (Botany) Depts. of UWI, Mona and external collaborators in Europe, USA and Nigeria, and some local farmers in Jamaica.
- Secretary, Departmental Board of Studies, Biochemistry, Univ. of Benin, Nigeria. Oct.1984 - Oct.1986.
- Acting Head of Department, Preliminary Science Department, ATC, Institute of Education, Ahmadu Bello University, Zaria, Nigeria. Mar.1983 - Sept.1983

OTHERS:

- *Project Leader*, UN-FAO National Seed Potato Production Project, Tajikistan. May 2004 to date
- Chairman of Institutional Research Board, Shaw University, April 2006 to date
- *Director of Fellowship*, Holiness Christian Church, 3 Bethune Avenue, Kingston 13, Jamaica. Feb. 1998 - Feb. 2001
- *Executive Secretary and Board Member*, International Proxy Parents (IPP), Jamaica. June 2000 – Dec. 2000.
- *Internal Auditor*, Educational Studies Association of Nigeria. Sept.1980 - Aug.1982
- *President*, Catholic Legion of Mary Society, University of Benin. Nigeria. Oct.1976 - Mar.1978
- *Senior Prefect (Head Girl)*, St. Maria Goretti Secondary School, Benin, Nigeria. Sept.1972 - Apr.1973

7. PUBLIC SERVICE AND OUTREACH:

7.1. At Shaw University, NC, USA:

- Setting up DNA Fingerprinting Research “DNA Fingerprinting of North Carolina Sweet Potato Varieties” at Shaw University, North Carolina. USA - Jan. 2006 to date.
- As the Head of the Nanobiology Division of the Shaw University Nanotechnology Initiative, I am engaged in planning research programs, leading group-writing of research proposals and actively seeking funding and collaboration - internal and

external – in order to pave way to institute more student-participatory research activities at Shaw University, in the following areas: Nanobiology, biotechnology, molecular biology and biochemistry. Aug. 2005 to date.

- Chairman of the Institutional Research Board (IRB), Shaw University. April 2006 to date.
- Engaging in arrangements with some Community Centers in the communities surrounding Shaw University for the purpose of reaching surrounding underserved populations for post-secondary educational purposes – in collaboration with Prof. Williams and Dr. High. Feb. 2006 to date
- Draft Memorandum of Understanding (MOU) for possible collaboration between Shaw University and the University of the West Indies (UWI), in Nanotechnology research, Postgraduate Science Research programs, Undergraduate STEM programs, student and faculty exchange programs - submitted to Shaw University Authorities for inputs and possible adoption. May 2005 & May 2006
- Development of two new Biotechnology Courses in the Department of Natural Sciences and Mathematics, Shaw University – Jan. 2006.
- Presentation on Shaw Nanobiotechnology Initiative to North Carolina Biotechnologists at the NC Biotechnology Conference, January 20, 2006 at the RTP NC Biotech. Center.

7.2. INTERNATIONAL:

With the United Nations'-FAO:

- Chief Technical Advisor (CTA) and Team Leader, Tajikistan National Seed Potato Production Project, UN-FAO. June 2004 to date
- **UN-FAO Farmers' Training Workshop for Seed Potato Farmers (July 2005)**
I organized a three-day training workshop for Seed Potato Farmers in the Faizabad Region of Tajikistan, under the UN-FAO technology transfer to farmers' programme in the Tajikistan FAO Seed Potato Production Project. July 28-30, 2005 in Faizabad, Tajikistan. Most of the Farmers trained were women.
- **International Consultant for Biotechnology to the Republic of Tajikistan - UN-FAO**, - 2003, 2004, 2005.
- **International Consultant to Syria under the Food and Agriculture Organization (FAO) of the United Nations'** Technical Cooperation among Developing Countries (TCDC) Agreement between the UWI and FAO, for expertise consultancy in Biotechnology (Projects TCP/SYR/8926 & TCP/SYR/2901 "Seed Potato and Date Palm Seedlings Production through Tissue Culture – Phases I &II) - October 2001 – April 2002.
- **GOSM-FAO Seed Potato Production Training Workshop:**
I organized the five-day training workshop "FAO/GOSM National Training Workshop on Seed Potato Production through Tissue Culture" at the General Organisation for Seed Multiplication (GOSM), Aleppo, Syria, to train 25 National Professional and Technical Staff, between November 24-28, 2001.

With the European Union:

- **European Union (EU) Technical Assistance Contract**, under the Lome III Regional Projects, as Chief Investigator for the UWI/EDF Yam Biotechnology Project, (tenable in Jamaica - Project No. 6100.51.94.160) - December 1994 to 1995.

Others:

- International Board Member, Morgan State University Alternative and Complementary Medicine Advisory Board, MSU, Baltimore, MD, USA. May 2004 to date.

With the Caribbean Region/Central America:

- Member, Steering Committee for the Development of a Caribbean Food Composition Programme. Organized by the Caribbean Food and Nutrition Institute (CFNI) and PAHO. May 2000 to date.
- Project Coordinator, Antinutritional Factors Project, a Jamaica-Mexico Binational Technical Cooperation Project.
Coordinating the research activities, including exchange of Scientists and students within the Project between UWI and UNAM, Mexico, Mar. 2000 to date
- Faculty, International Graduate Course on Production & Use of Food Composition Data in Nutrition. Food Composition Training Course (Caribbean) – held at the Holiday Inn, Montego Bay, Jamaica. CFNI and PAHO. April 17 to May 25, 2001.
- Member of the Working Group on Technical, Scientific, Educational and Cultural Co-operation at the V Meeting of the Jamaica-Mexico Joint Commission, Kingston, 7-8 March 2002.
- Inter-Ministerial Meeting for the Review of Jamaica's Bilateral Co-operation Programmes with Hemispheric Partners. Ministry of Foreign Affairs and Foreign Trade. February 27, 2002.
- Member of *Gene Bank Committee*, Co-ordinated by National Commission on Science and Technology (NCST), Prime Minister's Office and the Scientific Research Council (SRC), Jamaica. 1997 to 2000.
- Member of the *Jamaican Delegation to the IV Jamaica-Mexico Binational Commission* meeting held in Mexico City, August 1999.
- Member of the Subcommittee on *National Intergrated Watershed Programme*, Prime Minister's Office. Jamaica 1999 to 2000.
- Member of the *International Proxy Parents' Education Committee*, Jamaica. As Scholarship Liaison Officer - Organisation of scholarships/bursaries for underprivileged Jamaican students including some UWI students. 1994 to date
- *U.S. Peace Corps (Jamaica) Supervisor* - Apr. 1995 - July 1996:
Supervised Peace Corps Volunteer – Mr. Joshua Phelps' – work on "The multiplication and field testing of tissue-culture produced yam plantlets", with the UWI Yam Biotechnology Project.
- Providing assistance in obtaining Doctors for the provision of free healthcare (geriatric and paediatric) to members of the Inner City Communities, under the auspices of the Holiness Christian Church, 3 Bethune Avenue, Off Maxfield Road, Kingston 13. 1992 to 1996.
- "The improvement of tuber crop production" held by the ministry of Agriculture at the Boodles Research Station St. Catherine (2001).
- "Crop Improvement Symposium" held in conjunction with the North Manchester potato growers association (2001).
- Northern Caribbean University Science Symposium "Bridging the Gap between the Lab and the field" (2003)
- Ebony Park Heart Academy's "Farm fest 2003" -presentation on pharmaceutical beneficial natural products in traditional tuber cops.
- Booth Presentation on "Technology in crop production" in collaboration with the Rural

Agricultural Development Authority Trelawny Parish office- Denbigh Agricultural show 2003.

7.3. UNIVERSITY of the West Indies, Mona:

- Member, Academic Board, UWI, Mona. June 2003 to date
- Member, UWI Mona Strategic Repositioning Subcommittee. Mar. 2004 to date
- Member, Faculty of Medical Sciences Advisory Committee, UWI. June 2003 to date.
- Faculty of Pure and Applied Sciences Planning Committee, March 2002
- Member of the FPAS Sub-Committee on Graduate Studies, 1999-2000

7.5 PROFESSIONAL OUTREACH:

- Developing strategies for Shaw University to take modern technologies to the surrounding underserved communities in mobile facilities packaged with items of state-of-the-art technologies – for the purpose of mentoring inner city drop-out youths back to post-secondary studies using cutting edge technologies attractions. Feb.-2006 to date.
- Mandated to coordinate the Jamaica Chapter of the Third World Organization of Women in Science (TWOWS) by the Central & Latin America Regional Body, from May 2006.
- Presentation on Shaw Nanobiotechnology Initiative to Biotechnologists at the Biotechnology Conference at the North Carolina Biotechnology Center, Research Triangle Park (RTP), North Carolina, USA - January 20, 2006.
- I attracted and solicited for United Nations-FAO/ISTRA Training Workshop on “Molecular testing of genetically modified crops” to be hosted at the University of the West Indies, Mona Campus (a re-emphasis of her being a regional center of excellence). The Workshop, which was held at the Department of Basic Medical Sciences in May 2005, attracted many Scholars and trainees from many different countries.
- Presentation on the Nanobiology framework in the Shaw Nanotechnology Initiative to USA Congressman Brad Miller Staffer, Senator Elizabeth Dole’s Staffer (Mr. Reginald Roland Holley) and Shaw University Top Executives at the Estay Hall, Shaw University & Discussions on the Congressional Proposal – March 1, 2005
- Meeting with and Presentation to USA Congressman Bob Etheridge and Staffers on the Shaw University Nanoscience and Nanotechnology Initiative - as prelude to the preparation and submission of the Shaw University ‘Nanotechnology for Homeland Security’ Proposal for Congressional Funding - Feb. 8, 2005
- Meeting with Senator Elizabeth Dole’s Staffer (Mr. Reginald Holley) to discuss ways of getting Congressional Support for Shaw University Nanotechnology Initiative – Feb. 2005.
- Visit and Presentation to Senator Malone of North Carolina Wake District 14, on Shaw University Nanotechnology Initiative, at the North Carolina House of Parliament, Raleigh, NC, USA - January 13, 2005.
- Presentation on ‘New Dimensions for women’s research in Nanoscience and Nanotechnology research: Strategies for sustainable development and utilization in emerging scenario’ at the Third World Organization for Women in Science (TWOWS) 3rd General Assembly and International Conference on “Women’s Impact on Science and Technology in the New Millennium”, Bangalore, India. November 2005.

- Meetings/Arrangements with Awele Foundation International of Maryland, USA, in respect of unraveling the mechanism of action in their use of bio-active supplements to combat Drug Abuse. The CEO of Awele Foundation, Dr. Ajibike Salako-Akande, is scheduled to visit the University of the West Indies, Mona Basic Medical Sciences Dept. to hold collaboration discussions in late July 2006.
- Presentation to the Faculty of Natural Sciences & Mathematics on the Nanobiology Initiative of the proposed Shaw University Nanoscience and Nanotechnology Research Center, and collaboration requests at the Robert Science Building, Shaw University – March 3, 2005.
- Meeting with the Vice President and Program Managers of the North Carolina Biotechnology Center, Research Triangle Park (RTP) – to discuss Shaw University Nanobiotechnology research plans and the need for the Center's support – August 18, 2005.
- Working with a team of 36 Research Scientists, made up of top national plant researchers and University Professors (currently working under my technical advisorship) in the UN-FAO Tajikistan National Seed Potato Production through biotechnology Project (UN-FAO Project OSRO/TAJ/401/CAN) – 2004 to date
- Working with **Potato Seed farmers** in four main regions of Tajikistan in the establishment of the seed potato production program (March 2004 to date)
- Working with some **local farmers** in several parishes of Jamaica (at grassroot level) in the field experimentation of *in vitro* derived yam planting materials and cultivation of 'threatened' Jamaican yam varieties. 1994 to 2003.
- Collaborating with the Southern Trelawny Environmental Agency (STEA) in the staging of the **Annual Trelawny Yam Festival**. (1999 to 2004).
- Organised various Demonstrations by UWI Yam Researchers to Farmers in the field. **Video tapes and JIS features exist** especially on the **Demonstrations on Farmers' Field Day** organized with the STEA as one of the activities for the 1999 Yam Festival in Albert Town. (March 30, 1999) and the 2000 Yam Festival (April 18, 2000).
- Edited the EDF Project No. 6ACP RPR 160 – (Lome III Regional) Scientific Report Series.
 - 1994. Series 1-4.
 - 1995. Series 5-12.
- Various **Radio Talks** on *Independent Talk with Ronnie Thwaites on Power 106*, Jamaica about UWI Yam Research & Guest speaker on Breakfast Club on UWI Yam Research at various times. E.g.
 - Nov. 1995. Breakfast Club. KLAS FM 89. Discussions on Yam Biotechnology Workshop.
 - Feb. 1995 Guest speaker on Power 106. Discussion on Yam Production in Jamaica.
 - April 21, 1998. Power 106. "Independent Talk" with Host Ronnie Thwaites on Improving yam production in Jamaica.
 - Jan. 17, 2002. Power 106. "Independent Talk" with Ronnie Thwaites on Yam production.
 - Feb. 22, 2002. Radio Mona. Discussions on Yams: Sustainable development potentials, with UWI Yam Research Group (organized by Keron Morris of Radio Mona).
 - January 2003. Business News with Owen James. JIS Jamaica.
- Wheatley, A.O., Riley, C.K., Brown, C. and Asemota, H.N. (2002) Preserving our Heritage - Jamaican yam germplasm collection. Presented at the **Moneague Heritage Expo**, March 12, 2002, Moneague Teachers College, Jamaica.
- RADA AGRICULTURAL EXPO, June 2000. Demonstration of the use of Biotechnology in yam production improvement and Exhibitions, Hope Garden, Kingston 6.

- Several local Newspaper Reports exist on UWI Yam Research activities (See Appendix for some examples).
- Visit of the Prince of Edinburgh, Prince Phillip: The Yam Laboratory at the Biotechnology Centre was one of the laboratories chosen to be visited by the Prince during his visit with the Queen to Jamaica in November 1994 (Picture in Appendix).
- **The 1995 UWI/EDF Yam Workshop for Farmers:**
I organised the two-day *UWI Yam Workshop/seminar* titled "Yam Production Improvement through Biotechnology" held at UWI, Mona Campus, Nov. 15-16, 1995 for yam farmers, exporters, local and international yam researchers and interested public.
- International Consultation on Production of disease-free planting materials. 2001 to date.

7.6 SOCIAL OUTREACH:

- KLAS FM89. Discussion on *Polygamy in Africa*. Dec. 1993
- KLAS FM89: Discussion on *Female Circumcision*. Dec. 1994.
- JBC TV *Tuesday forum*: Discussions on *Black entrepreneurship in Jamaica*. Feb. 1993.
- Morning Coffee Guest, Jamaican Broadcasting Corporation Television (JBC-TV), - February 1993
- Guest speaker at a celebration to mark Mandela's victory, organized by UWI students at the Assembly Hall, Mona. April 1994 Topic: *Role of women in Africa*.
- Sept. 1990 – 1994. Active participation in the various roles of a diplomat's wife e.g. Fundraising for charity, Receptions, Hosting Delegates, Entertaining with cultural shows and providing assistance to help fellow nationals get out of consular problems.
- Sept. 2000. I lead the planning, organization and the staging of the Cultural Show "GELE: Head Ties that speak" to mark the Nigerian 40th Independence Anniversary, (under the auspices of the Nigerian High Commission Kingston), at the Sutton Place Hotel, Ruthven Road, Kingston, on Sept. 28, 2000.
- November 2000. Guest speaker at the Ikebana Group General Meeting held at the Four Seasons Hotel, Ruthven Road, Kingston, Jamaica. Nov. 9, 2000. Topic "Christmas in Africa"
- April 2003. Guest Speaker, Launching Activities for the Ebony Park HEART Academy Food Processing Lab. FARM FEST. Toll Gate. Clarendon. April 26.
- Jan 2003. Interviews held with Owen James for National TV (TVJ) Series on Business talk. All Media Services.