

*Curriculum Vitae*  
**OSAMA AWAD SALIH**

King Saud University  
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**DEMOGRAPHIC DATA**

بيانات عامة

<b>Name:</b> OSAMA AWAD SALIH AHMED	أسامة عوض صالح	الاسم
<b>Birth:</b> Khartoum, Sudan, 17/10/1959	السودان 1959/10/17	الميلاد
<b>Academic Status:</b> Professor of Human Nutrition	أستاذ (تغذية الإنسان)	الدرجة العلمية
<b>Civil Status:</b> Married, 4 Children.	متزوج 4 أطفال	الحالة الاجتماعية
<b>Graduate from:</b> Biochemistry, Fac. of Science, King Abdel Aziz University, 1983. Saudi Arabia	قسم الكيمياء الحيوية – كلية العلوم – جامعة الملك عبد العزيز – جدة – المملكة العربية السعودية	الدراسة الجامعية
<b>Degree:</b> BSc, Very Good (GPA 3.53).	بكالوريوس – درجة جيد جدا معدل تراكمي = 3.53	شهادة التخرج
<b>Current Position:</b> Director, Nutrition Center for Training and Research (NCTR), AUW.	مدير مركز التغذية للتدريب والبحوث 2009 - 2000	الوظيفة السابقة
<b>University Registrar</b>	مسجل الجامعة يناير 2009	
<b>Prof. Research Chair, National Nutrition Policy</b>	أستاذ كرسي "أبحاث سياسات التغذية الوطنية"	جامعة الملك سعود
<b>Professor, Community Health Department, College of Medical Applied Sciences, King Saud University, KSA</b>	أستاذ - عضو هيئة تدريس - قسم صحة المجتمع-كلية العلوم الطبية-جامعة الملك سعود	الوظيفة الحالية

**EDUCATION**

مراحل التعليم الأساسية

• Degrees	Institutions	Major	Date
- PhD	University of Khartoum	Agricultural Biochemistry	1992
- MS	University of Khartoum	Agricultural Biochemistry	1987
- BS	King Abdel Aziz University	Biochemistry	1983

مراحل التعليم

التاريخ	التخصص	المؤسسة التعليمية	الدرجة العلمية
1992	كيمياء حيوية زراعية	كلية الزراعة – جامعة الخرطوم – السودان	دكتوراة
1987	كيمياء حيوية زراعية	كلية الزراعة – جامعة الخرطوم – السودان	ماجستير
1983	كيمياء حيوية	كلية العلوم – جامعة الملك عبد العزيز – السعودية	بكالوريوس

• **Theses:**

- Salih, O. A. (1992). *Protein Extraction and Gossypol Detoxification from Glanded Cotton Seed Flour by Rumen Microorganisms*, Faculty of Agriculture, University of Khartoum, Shambat, Sudan.

بحث الدكتوراة (1992): إستخراج البروتين وإزالة سمية مادة القوسيبيول من دقيق بذرة القطن بإستخدام الكائنات الدقيقة

- Salih, O. A. (1987). *Effect of Saturated Fatty Acids on the stability of Unsaturated Fats & Vegetable Oils*, Faculty of Agriculture, University of Khartoum, Shambat, Sudan.

بحث الماجستير (1987): تأثير الأحماض الدهنية المشبعة على درجة الثبات الكيميائية للزيوت والدهون النباتية

## ACADEMIC APPOINTMENTS AND OTHER WORK EXPERIENCE

## الوظائف الأكاديمية وخبرات عملية أخرى

أستاذ - عضو هيئة تدريس - قسم صحة المجتمع - كلية العلوم الطبية التطبيقية - جامعة الملك سعود 2011-2014
Professor, Community Health Department, College of Applied Sciences, King Saud University, 2011-2014
أستاذ "كرسي أبحاث سياسات التغذية الوطنية" - جامعة الملك سعود
Professor, "National Nutrition Policy Chair" NNPC - King Saud University - KSA
مسجل جامعة الأحفاد للبنات - أدمان - السودان: بدأ من يناير 2009 إلى ديسمبر 2010
Registrar, Ahfad University for Women, Sudan 2009-2010
مؤسس وأول مدير لمركز التغذية للتدريب والبحوث - جامعة الأحفاد للبنات - 2001 حتى (مارس 2009)
Director and Founder, Nutrition Center for Training and Research, Ahfad University for Women (AUW), 2001- present
أول مدير ومؤسس لبرامج الدراسات العليا (ماجستير ودكتوراة) في 1- تغذية الإنسان 2- والدبلوم العالي في تدريس العلوم الأسرية (1997 - 2009)
Director, post-graduate programs in Human Nutrition (MS and PhD) and Higher Post-graduate Diploma in Family Science Education (1997-2008).
عميد مدرسة العلوم الأسرية (العلوم الصحية حالياً) - جامعة الأحفاد للبنات - السودان (1995 - 2001)
Dean, School of Family Science, Ahfad University for Women (AUW), 1995 - 2001.
بروفيسور مساعد ثم مشارك : علوم التغذية والكيمياء الحيوية - جامعة الأحفاد للبنات (1991 - 1998) ثم (1998 - 2009)
Assistant Professor then, Associate Professor, School of Family Science, Ahfad University for Women, 1992 - 2010.
نائب رئيس معامل جامعة الأحفاد: 1991 - 1995
Deputy Head, Laboratory Department, Ahfad University for Women, 1991 - 1995.
أستاذ زائر: قسم علوم وتكنولوجيا الأغذية - جامعة ريدنق - المملكة المتحدة (بريطانيا) 1994 (8 أشهر)
Visiting Lecturer, Department of Food Science and Technology, Reading University, England, 1994.
مساعد تدريس : قسم الكيمياء الحيوية - كلية الزراعة - جامعة الخرطوم - السودان.
Teaching Assistant, Department of Biochemistry, Faculty of Agriculture, University of Khartoum, 1984 - 1987.

**CV, After Joining King Saud University,  
(after January 2011).**

**السيرة الذاتية بعد الالتحاق بجامعة الملك سعود  
(بعد يناير 2011)**

## Summary Contribution to the "National Nutrition Policy Chair", King Saud University, KSA

January 3<sup>rd</sup>. 2011: Official start as a Research at the NNPC, KSU

### Summary of Activities:

المجال	Type of Activities – طبيعة المشاركة
مجالات السياسات والتقارير  Policies and Reports	<ul style="list-style-type: none"> <li>Developed the "<b>The Detailed Outlines of the Processes for Developing National Nutrition Policy for KSA</b>"</li> <li>وضع الخطوط التفصيلية لعمليات إنشاء السياسة الوطنية للتغذية بالمملكة العربية السعودية</li> </ul>
	<ul style="list-style-type: none"> <li>Developed the "<b>The Detailed Outlines of the Processes for Developing KSA Nutrition Country Profile</b>"</li> <li>وضع الخطوط التفصيلية لعمل تقرير "الوضع التغذوي للمملكة العربية السعودية"</li> </ul>
	<ul style="list-style-type: none"> <li><b>Co-author and Editor</b> for the development of the "<b>KSA Nutrition Country Profile</b>".</li> <li>المؤلف المشارك لتقرير "الوضع التغذوي للمملكة العربية السعودية"</li> </ul>
	<ul style="list-style-type: none"> <li>Developed a detailed "<b>Action Plan</b>" for the NNPC for 2011-2015 with detailed time-line activities,</li> <li>وضع خطة العمل التفصيلية لكرسي سياسات التغذية الوطنية للأعوام 2011 – 2015</li> </ul>
مجالات البحوث  Research Areas	<ul style="list-style-type: none"> <li>Developed a <b>research proposal</b> on "<b>Assessment of the Patterns and Determinants of Breast and Complementary Feeding in Infants in the Kingdom of Saudi Arabia</b>" the research proposal funded by the national plan for science and technology (NPST) Program, October 2011 (about 2 million SR).</li> <li>وضع مقترح بحث بعنوان "تقييم الانماط و المحددات للرضاعة الطبيعية والتغذية التكميلية للأطفال في المملكة العربية السعودية" البحث فاز بفرصة تمويل من قبل مدينة الملك عبد العزيز للعلوم والتقنية بحوالي مليوني ريال</li> </ul>
	<ul style="list-style-type: none"> <li>Developed a <b>research proposal</b> on "<b>Assessing Nutrition knowledge-Gap, Nutrition Risk Factors and Behaviors about Type 2 Diabetes among Patients, Health Professionals and General Population in the Kingdom of Saudi Arabia</b>" the research proposal is to be submitted to the national plan for science and technology (NPST) Program, October 2012.</li> </ul>

<ul style="list-style-type: none"> <li>• وضع مقترح بحث بعنوان " تقييم المعرفة والسلوكيات و الاتجاهات حول مرض السكري (النوع الثاني) وسط المرضى و الفريق الطبي و بين العامة في المملكة العربية السعودية " قدم البحث للتمويل من طرف مدينة الملك عبد العزيز للعلوم و التقنية</li> </ul>	
<ul style="list-style-type: none"> <li>• <b>Co-investigator research proposal "The Role of Diet in the Development of Chronic Diseases in King of Saudi Arabia" King Abdul Aziz University, College of Sciences and Arts, Al-Kamel.</b> Proposal submitted to the national plan for science and technology (NPST) Program, 2013.</li> <li>• باحث معاون في المشروع البحثي بعنوان " دور الغذاء في تطور الامراض المزمنة في المملكة العربية السعودية " قدم البحث للتمويل من طرف مدينة الملك عبد العزيز للعلوم و التقنية</li> </ul>	
<ul style="list-style-type: none"> <li>• <b>Consultant,</b> Research Project titled " Water-Energy-Food Security Challenges in Saudi Arabia" the research proposal is submitted by King Fahd University of Petroleum and Minerals (KFUPM) to King Abdu Aziz City for Science and Technology for funding.</li> <li>• مستشار لبحث "تحديات الأمن المائي , و أمن الطاقة , و الأمن الغذائي في المملكة العربية السعودية" البحث مقدم من جامعة الملك فهد للبترول و المعادن للتمويل من قبل مدينة الملك عبد العزيز للعلوم و التقنية</li> </ul>	
<ul style="list-style-type: none"> <li>• Developed a project proposal on "<b>Nutrition in Emergency Program in KSA</b>"</li> <li>• وضع مقترح : إنشاء برنامج للتغذية في ظروف الطوارئ والكوارث الانسانية</li> </ul>	<p>مجال وضع البرامج و المبادرات و الاستراتيجيات</p>
<ul style="list-style-type: none"> <li>• Prepared a <b>concept paper</b> on" <b>Establishment of the Saudi National Nutrition Institute</b>"</li> <li>• وضع ورقة تفاهمية حول "إنشاء المعهد السعودي الوطني للتغذية"</li> </ul>	<p>Developing Strategies, Initiatives and Programs</p>
<ul style="list-style-type: none"> <li>• Prepared a <b>concept paper</b> on" <b>Rethinking and Reforming the School Nutrition Program in KSA</b>". January, 2014.</li> <li>• وضع ورقة تفاهمية حول "المبادرة التطويرية لبرنامج التعليم التغذوي المدرسي بالمملكة العربية السعودية"</li> </ul>	
<ul style="list-style-type: none"> <li>• Prepared a <b>national initiative</b> document on "<b>Nutrition for Poverty Reduction</b>" to be submitted to KSU. Arabic document</li> <li>• وضع ورقة تفاهمية حول "المبادرة الوطنية التغذية لتقليل الفقر بالمملكة العربية السعودية"</li> </ul>	

<ul style="list-style-type: none"> <li>Prepared a <b>concept paper</b> on " <b>collaboration and cooperation Training Program between NNPC and The Saudi National Guard Force in the area of Nutrition in Emergency and National Nutrition Security</b>" – Arabic Document.</li> <li>وضع ورقة تفاهمية حول "البرنامج التدريبي حول التغذية في ظروف الكوارث" بالتعاون مع قوات الحرس الوطني</li> </ul>	
<ul style="list-style-type: none"> <li>Prepared a <b>concept paper</b> on <b>training program</b>, on "<b>Nutrition Leadership Training Program, NLTP</b>" to train leaders in the Ministry of Health and other nutrition-related Ministries and other stakeholders.</li> <li>وضع ورقة تفاهمية حول برنامج بناء القدرات " برنامج تطوير المهارات القيادية في مجال التغذية" لتدريب القادة في وزارات الصحة و الوزارات ذات الصلة بالغذاء و التغذية</li> </ul>	
<ul style="list-style-type: none"> <li>Developed a <b>draft strategy framework</b> for "<b>Women, Infant &amp; Young child Feeding (WIYCF) Strategy in KSA</b>"</li> <li>وضع اطار استراتيجية تغذية المرأة والرضع وصغار الاطفال في المملكة العربية السعودية.</li> </ul>	
<ul style="list-style-type: none"> <li>Developed a document on <b>Re-Thinking and Re-Structuring the National Nutrition Policy Process – Developing the Multi-Stakeholder Approach</b>", October 2011</li> <li>وضع تقرير حول "اعادة التفكير حول خطة اعداد السياسة الوطنية للتغذية وإدخال مفهوم "مدخل القطاعات المتعددة"</li> </ul>	
<ul style="list-style-type: none"> <li>Developed a document on <b>Re-Thinking and Re-Structuring the NNPC Research Plan for the 2011/2012</b>", October 2011</li> <li>وضع تقرير حول "اعادة التفكير حول الخطة البحثية لكرسي سياسات التغذية الوطنية"</li> </ul>	
<ul style="list-style-type: none"> <li>Developed a <b>detailed document</b> on "<b>Scientific Initiative for the Action Plan for Preparing the National Nutrition Policy and Strategies for Implementation for KSA</b>".</li> <li>وضع تقرير مفصل حول " المبادرة العلمية لخطة العمل لإعداد السياسة الوطنية للتغذية واستراتيجيات التنفيذ للملكة"</li> <li>(تم اعداد الوثيقة لرفعها لمجلس الشورى للنظر و ابداء الرأي)</li> </ul>	

<ul style="list-style-type: none"> <li>• <b>Coordinator of the link program</b> between the <b>New York Academy of Science NYAS</b>, USA and the NNPC, KSU.</li> <li>• <b>منسق برنامج التعاون بين الكرسي و أكاديمية نيويورك للعلوم بالولايات المتحدة.</b></li> </ul>	
<ul style="list-style-type: none"> <li>• <b>Principal author of a book</b> on "<b>Nutrition in Emergency, with special Emphasis on Arab Countries</b>" (On- going activity).</li> <li>• المؤلف الرئيس لكتاب " <b>التغذية في ظروف الطوارئ و الكوارث في الدول العربية</b>" تحت الاعداد</li> </ul>	<p>مجال التأليف</p> <p><b>Authorship</b></p>
<ul style="list-style-type: none"> <li>• <b>Principal author of a book</b> on "<b>Nutrition Anthropology of the Kingdom of Saudi Arabia</b>" (On- going activity).</li> <li>• المؤلف الرئيس لكتاب " <b>الانثروبولوجيا التغذوية في المملكة العربية السعودية</b>" تحت الاعداد</li> </ul>	
<ul style="list-style-type: none"> <li>• <b>Principal author of a book</b> on "<b>Community Nutrition in the Kingdom of Saudi Arabia</b>"(On- going activity).</li> <li>• المؤلف الرئيس لكتاب " <b>تغذية المجتمع في المملكة العربية السعودية</b>" تحت الاعداد</li> </ul>	
<ul style="list-style-type: none"> <li>• <b>Reviewer</b> , Journal of the Saudi Society of Agricultural Sciences, Ref. No.: JSSAS-D-12-00039. August, 2012.</li> <li>• <b>تحكيم ورقة علمية</b></li> </ul>	<p>مجال النشر و التحكيم والمشاركات في اللقاءات العلمية</p> <p><b>Publishing and Reviewing,</b></p>
<ul style="list-style-type: none"> <li>• <b>Reviewer</b>, Journal of the American Oil Chemists' Society, Ref. No.:7ddksbs7. Feb-2013.</li> <li>• <b>تحكيم ورقة علمية</b></li> </ul>	<p><b>Participation in Scientific Meetings</b></p>
<ul style="list-style-type: none"> <li>• <b>Oral Presentation:</b> Nutritional Knowledge Of The Final Year Medical Students In Sudan. "The Jazan University Medical Research Day, 2011".</li> <li>• <b>تقديم ورقة علمية – كلية الطب – جامعة جازان</b></li> </ul>	
<ul style="list-style-type: none"> <li>• <b>Participant:</b> Saudi International Medical Technology Conference 2013. Riyadh, Saudi Arabia,</li> <li>• <b>حضور مؤتمر علمي - الرياض</b></li> </ul>	
<ul style="list-style-type: none"> <li>• <b>Participant:</b> The 1st Saudi International Scientific Culture Conference 2013. Kacst Headquarters - King Abdullah Road, Riyadh, Saudi Arabia.</li> </ul>	

<ul style="list-style-type: none"> <li>• <b>Participant:</b> International Conference on Lifestyles and NCDs to be held in Riyadh, KSA, Sept 9-12.</li> <li>• حضور المؤتمر العلمي العالمي حول أنماط الحياة الصحية والأمراض المزمنة- الرياض</li> </ul>	
<ul style="list-style-type: none"> <li>• <b>Participant</b> in roundtable Discussion on (diet and eating behaviors); International Conference on Lifestyles and NCDs to be held in Riyadh, KSA, Sept 9-12.</li> <li>• المشاركة في حلقة نقاش - المؤتمر العلمي العالمي حول أنماط الحياة الصحية والأمراض المزمنة- الرياض</li> </ul>	
<ul style="list-style-type: none"> <li>• <b>Accepted abstract</b> for POSTER presentation: Title: <b>Nutritional security, food consumption patterns and non communicable diseases (NCDs) in the Kingdom of Saudi Arabia.</b> The First International Conference on Global Food Security. 29 Sept -2 October 2013, Noordwijkerhout, The Netherlands.</li> <li>• قبول ملخص بحث للمشاركة كبوستر بعنوان "الامن التغذوي وأنماط استهلاك الغذاء وعلاقتها بالامراض المزمنة بالمملكة العربية السعودية. المؤتمر العالمي الاول حول الامن الغذائي العالمي - هولندا</li> </ul>	
<ul style="list-style-type: none"> <li>• <b>Accepted abstract</b> for POSTER presentation: Title: <b>Nutritional security, food consumption patterns and non communicable diseases (NCDs) in the Kingdom of Saudi Arabia.</b> The "8th World Congress on Developmental Origins of Health and Disease - DOHaD 2013" -- 17th to 20th November 2013 - in Singapore.</li> <li>• قبول ملخص بحث للمشاركة كبوستر بعنوان "الامن التغذوي وأنماط استهلاك الغذاء وعلاقتها بالامراض المزمنة بالمملكة العربية السعودية. سنغافورة</li> </ul>	
<ul style="list-style-type: none"> <li>• <b>As a Member</b> of "The Nutrition and Climate Change eGroup (<b>NutCC</b>). Participated in "The Global Forum on Food Security and Nutrition's lively discussion on Nutrition-enhancing agriculture and food systems. <i>the second discussion in preparation of the ICN2 conference, which will be held in Rome in November 2014.</i></li> <li>• كعضو مجموعة التغذية و التغير المناخي الالكترونية تمت المشاركة الحية في المنتدى العالمي حول الأمن الغذائي تحت عنوان "التغذية المحفزة للزراعة والنظم الغذائية" للإعداد للمؤتمر العالمي للتغذية في روما 2014.</li> </ul>	
<ul style="list-style-type: none"> <li>• تحكيم كتاب الغذاء في القرآن الكريم _ جامعة حائل – يناير 2014</li> </ul>	
<ul style="list-style-type: none"> <li>• المشاركة في حوارات تنموية – الدورة الثانية – مؤسسة الملك خالد الخيرية – الرياض – 2011/5/24 – "القطاع غير الربحي في خطة التنمية التاسعة</li> </ul>	



للمملكة"	
<ul style="list-style-type: none"> <li>• حضور دورة تدريبية في "التخطيط الاستراتيجي في ظل الجودة الشاملة" – 1432/5/20-19 هـ. جامعة الملك سعود. وكالة الجامعة للدراسات العليا والبحث العلمي - برنامج كراسي البحث الدورات/الندوات المتاحة لمنسوبي كراسي البحث لعام 1432</li> </ul>	

**CV, Before Joining King Saud University,  
(Before January 2011).**

السيرة الذاتية قبل الالتحاق بجامعة الملك سعود  
(قبل يناير 2011)

## ACADEMIC ACTIVITIES

## النشاط الأكاديمي

## A. POSTGRAD TEACHING

## التدريس فوق الجامعي

<i>Course</i>	<i>Program</i>	<i>University</i>
<b>Feeding in emergency (On-Line Course)</b> التغذية اثناء الكوارث و المجاعات كورس عبر الشبكة (النت)	<b>MS Program in African Studies</b>	<b>Ohio, USA</b>
	ماجستير الدراسات الافريقية – جامعة أوهايو	أمريكا
<b>Advanced Human Nutrition/Metabolism</b> تغذية الانسان و الميتابوليزم (متقدم)	<b>MS in Human Nutrition</b>	<b>AUW, Sudan</b>
	ماجستير تغذية الانسان – جامعة الاحفاد للنبات	السودان
<b>Nutrition in Emergencies and Disasters Situations</b> التغذية اثناء الكوارث و المجاعات	<b>Higher Diploma in Teaching Family Sciences</b>	<b>AUW, Sudan</b>
	الدبلوم العالي في تدريس العلوم الاسرية / الاحفاد	السودان
<b>Nutrition of Vulnerable Groups</b> تغذية المجموعات الهشة (الحساسية)	<b>Higher Diploma in Teaching Family Sciences</b>	<b>AUW, Sudan</b>
	الدبلوم العالي في تدريس العلوم الاسرية / الاحفاد	السودان
<b>Principles of Nutrition</b> أساسيات التغذية	<b>Higher Diploma in Teaching Family Sciences</b>	<b>AUW, Sudan</b>
	الدبلوم العالي في تدريس العلوم الاسرية / الاحفاد	السودان
<b>Nutrition in Emergencies</b> التغذية اثناء الكوارث و المجاعات	<b>Higher Diploma in NGOs Management and Administration</b>	<b>AMS*, Sudan</b>
	الدبلوم العالي في تدريس العلوم الاسرية / الاحفاد	السودان
	<b>*Academy of Medical Sciences</b>	السودان
	أكاديمية العلوم الطبية	السودان

**A- UNIVERSITY TEACHING:**

التدريس الجامعي

**UNDERGRAD TEACHING**

مستوي الجامعة / بكالوريوس

<i>Course</i>	<i>College</i>	<i>Level</i>
Chemistry (Physical & Organic)	Health Sciences	1 <sup>st</sup>
كيمياء عامة	مدرسة العلوم الصحية	
	Medicine	1 <sup>st</sup>
	مدرسة الطب	
	REED	1 <sup>st</sup>
	مدرسة التنمية الريفية	
Biochemistry	Health Sciences	2 <sup>nd</sup>
الكيمياء الحيوية	مدرسة العلوم الصحية	
	Medicine	2 <sup>nd</sup>
	مدرسة الطب	
	Pharmacy	2 <sup>nd</sup>
	مدرسة الصيدلة	
Introduction to Human Nutrition	Health Sciences	3 <sup>rd</sup>
مقدمة في تغذية الإنسان	مدرسة العلوم الصحية	
Introduction to Food Sciences	Health Sciences	3 <sup>rd</sup>
مقدمة في علوم الأغذية	مدرسة العلوم الصحية	
Food Analysis	Health Science	4 <sup>th</sup>
تحليل الأغذية	مدرسة العلوم الصحية	
Nutrition Seminars	Health Sciences	5 <sup>th</sup>
حلقات وسمنارات حول التغذية	مدرسة العلوم الصحية	
Nutrition Educations Programs	Health Sciences	5 <sup>th</sup>
برامج التوعية والتثقيف التغذوي	مدرسة العلوم الصحية	
Clinical Biochemistry in different modules		
الكيمياء الحيوية في بعض الوحدات		
• Introductory Module		
• Haemopoietic Module	Medicine	
• Cardiovascular	مدرسة الطب	
• Musculoskeletal		
Research Methods	Different Schools	4 <sup>th</sup>
طرق البحث	عدة مدارس	

Rural Extension	الإرشاد الريفي	Different Schools	عدة مدارس	4 <sup>th</sup>
Nutrition & Environment	التغذية والبيئة	Fac. of Environmental Studies (Omdurman Ahlia University)		4 <sup>th</sup>

## VISITING PROFESSOR

أستاذ زائر

<p>أستاذ زائر لقسم علوم وتكنولوجيا الأغذية بجامعة ريدنق بالمملكة المتحدة لفترة 8 أشهر، بالتعاون مع بروفيسور آن وولكر (1995-1994)</p> <p>In collaboration with <b>Reading University (UK)</b> I was given status of <b>Visiting Lecturer (1994/95)</b> at the department of Food Science and Technology and taught two courses in <b>Food Sciences (Practical)</b> jointly with Professor Ann Walker</p>
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## CONSULTING

الإستشارات الفنية

1. خبير وطني لوضع أول خطة إستراتيجية وطنية للغذاء والتغذية لمرضى الأيدز - جمهورية السودان - وزارة الصحة الاتحادية السودانية، البرنامج القومي لمرض الأيدز بالتعاون مع برنامج الغذاء العالمي بالأمم المتحدة، 2010.

National Consultant for the “**Development of the Food, Nutrition and HIV Strategic Plan 2010 - 2014**”, Federal Ministry of Health, National HIV/AIDS Program in Collaboration with World Food Program (WFP), 2010

2. خبير وطني لوضع أول سياسة قومية للتغذية وإستراتيجيات التنفيذ - جمهورية السودان - وزارة الصحة الاتحادية السودانية، 2006

National Consultant for the “**Development of the Nutrition Policy for Sudan and strategies for implementations**”, Federal Ministry of Health, National Nutrition Directorate, 2006

3. خبير وطني لإعداد تقرير السودان عن وضع مرض الأيدز في السودان (UGASS COUNTRY REPORT). 2009

National Expert for the “**Development of the UGASS COUNTRY REPORT**”, **UNAIDS** and Federal Ministry of Health, National Nutrition Directorate, 2009.

4. مستشار وطني لتحضير "تقرير الوضع التغذوي للسودان" منظمة الأغذية والزراعة العالمية (2005).

National Consultant for the Preparation of “**The Sudan Nutrition Country Profile**”, for the FAO (2005).

5. خبير دولي لترجمة كتاب "التغذية الأفضل للمسنين" من اللغة الإنجليزية للغة العربية، منظمة تغذية المسنين العالمية (2000)

International Consultant for the Translation of the “**Better Nutrition for Older People-How can we Do Better**” from English to Arabic language, for HAI (2000).

6. المؤلف الأساسي لكتابين دراسيين في مادة العلوم الأسرية، علي مستوي المدارس الثانوية - المركز القومي للمناهج والبحث التربوي، وزارة التربية والتعليم العام الاتحادية، السودان.

Senior author for Tow academic Books at the Secondary level in “**Family Sciences**”, for the National Center for Curricula and Research, Ministry of Education, Government of the Sudan, (2001).

7. تصميم مشروع بحثي في "تنمية الوضع التغذوي في الريف في الوطن العربي". المنظمة العربية للتنمية الزراعية, جامعة الدول العربية (2005).

Designing the project outline and research project for the “**Development of the Nutritional Status of Rural Arab Countries project**” for the Arab Organization for Agricultural Development, 2005.

8. رئيس فريق تنفيذ مشروع "تنمية الوضع التغذوي في الريف في الوطن العربي". المنظمة العربية للتنمية الزراعية, جامعة الدول العربية (2005).

Leader of the Project “**Development of the Nutritional Status of Rural Arab Countries**” for the Arab Organization for Agricultural Development, 2005.

9. وضع وتنفيذ أول برنامج تدريبي في مجال " الإدارة والمعالجة المجتمعية لسوء التغذية الحاد.

**Developing and Conducting the first “In-country Training on the Community based Management of Acute Severe Malnutrition (CMAM)”. FANTA II and NCTR, February, 2009.**

10. المشاركة في تطوير الدليل الوطني في مجال " الإدارة والمعالجة المجتمعية لسوء التغذية الحاد " وزارة الصحة ومنظمة FANTA II

Participated in the development of the “**Interim Manual Community-Based Management of Severe Acute Malnutrition Version 1.0**” November 10, 2009. FANTA II & FMOH.

11. وضع وتنفيذ برنامج لحفظ الأغذية بالتعاون مع منظمة "أطفال الحروب" بمدينة الجنيّة بإقليم دارفور (2009-2008).

Developing a **Food Preservation Project** in Elginana, Darfur Between Nutrition Centre for Training and Research and **War Child Canada, 2008 – 2009.**

12. الخبير الوطني لتحرير دليل المثقف الصحي لداء السكري, وزارة الصحة السودانية, 2009

National Expert for “**دليل المثقف الصحي لداء السكري**”, Federal Ministry of Health, September-, 2009.

13. الخبير الوطني لتحرير وتطوير الدليل التدريبي في "أساسيات التغذية", منظمة اليونيسيف و وزارة الصحة السودانية, 2009

**National Expert for “Editing and Improving the First Training Manual on Essential Nutrition Package, ENP”, UNICEF & Federal Ministry of Health, - Sudan, Feb-March, 2009.**

14. الخبير الوطني لتقييم وتقويم البرنامج التدريبي لتدريب المدربين في "أساسيات التغذية", منظمة اليونيسيف و وزارة الصحة السودانية, 2009

**National Expert for Evaluating the first TOT conducted by the FMOH on “Essential Nutrition Package”, Federal Ministry of Health, UNICEF - Sudan, Feb-March, 2009.**

15. رئيس فريق تنفيذ مشروع "برامج الدراسات العليا -ماجستير ودكتوراة التغذية والدبلوم العالي في تدريس العلوم الأسمية, مركز التغذية للتدريب والبحوث, جامعة الأحفاد للنبات, (2005).

Leader of the project “Development of a post-graduate Programs (MS and PhD in Human Nutrition and the Higher Diploma in Family Science Education)” Nutrition Center for Training and Research, Ahfad University for Women, 2005.

16. عضو اللجنة الوطنية المكلفة لتقييم موجهات التغذية لمرض الأيدز, البرنامج القومي مكافحة الأيدز, وزارة الصحة الاتحادية, السودان, 2008.

Member of the National Task force for evaluating the proposed **HIV/AIDS Nutrition Guidelines**, June, 2008.

17. مدرب دولي – ورشة العمل الإقليمية في "رفع الوعي التغذوي للمرأة الريفية في الوطن العربي" المنظمة العربية للتنمية الزراعية, جامعة الدول العربية, صنعاء, اليمن – يونيو 2006.

International Trainer, Regional Training Workshop on “**Awareness Raising of Rural Women in Arab Countries on Nutrition**”. Sanaa, Yamen (3-8 June, 2006). The Arab Organization for Agricultural Development (AOAD).

18. منسق مشروع "تقوية قدرات جامعة الأحفاد للبنات في مجال النشاط اأارجي الممتد للمجتمع في تقديم خدمات الصحة الإنجابية" – جامعة الأحفاد للبنات بالتعاون مع المجلس العالمي للسكان (2006).

Project Coordinator, “Strengthening AUW Capacity for Integrating RH Outreach and Service Delivery Activities”. AUW in collaboration with International Population Council. (July, 2006).

19. إعداد دراسة عن موجهات الخدمات الغذائية لموظفي شركة تاليسمان الكندية للبترول في السودان, 2000

Preparing a “**Catering Services Guidelines**” for the Canadian Oil Company in Sudan (Talisman – Greater Nile- BV), 2000.

20. تصميم وتنفيذ برنامج تدريبي في "تغذية الرياضيين" للجنة الأولمبية السودانية (1999).

Designing and conducting a Training Program in “**Athlete Nutrition**” for the Sudanese Olympic Association, (1999).

21. خبير التثقيف التغذوي للتلفزيون السوداني والإذاعة السودانية, من 2000 إلى 2008.

Nutrition Education Consultant to the **Sudan TV and Radio Broadcast**, from 2000 up-to-date.

22. تصميم وتنفيذ برنامجي تدريب في "إدارة معالجة سوء التغذية" لمنظمة العمل ضد الجوع الفرنسية بالسودان, 2003

Designing, conducting and organizing two Training Programs in “**Management of Severe Malnutrition**” for the Action Contre Le Faim (ACF) Organization-Sudan, (September and November, 2003).

23. عضو اللجنة الوطنية لتأسيس المجلس الأعلى للتغذية بالسودان, وزارة الصحة الاتحادية, السودان.

Member of the National Committee for the establishment of the **Higher Council in Nutrition**-Federal Ministry of Health-Sudan.

24. عضو اللجنة القومية للتغذية, وزارة الصحة ولاية الخرطوم, 2006.

Member of the **Khartoum State Ministry of Health National Committee of Nutrition**.

**25.** الأمين العام وعضو مؤسس للمنظمة السودانية للبيئة والتغذية, 2003 – 2005.

**Director General** of the **Sudanese Organization for Environment and Nutrition** (2003).

**26.** عضو اللجنة الوطنية لمراجعة بروتوكول إدارة البرنامج المجتمعي لمعالجة سوء التغذية, وزارة الصحة الاتحادية, السودان, 2005

Member of the **National Technical Committee** for the **revision of the protocol for the Community-based Management of Severe Malnutrition**. Federal Ministry of Health, 2005.

**27.** عضو التحالف الوطني لتدعيم الإغذية, وزارة الصحة الاتحادية, السودان, 2005

Member of the **National Fortification Alliance**, Federal Ministry of Health, 2005

**28.** خبير وطني لإعداد دراسة عن "أدوات البحث في المسوحات لغرض المعرفة والسلوك والاتجاه" وزارة الصحة, منظمة الصحة العالمية, السودان, 2006.

**National consultant**, "Development of KABPs Survey Tools". Federal MOH and WHO. (June – September, 2006).

**29.** مدير مشروع لتصميم وتنفيذ برنامج ودليل تدريبي في "القيادة والحكم الراشد والعدالة في المشاركة السياسية" صندوق الأمم المتحدة الإنمائي, السودان, 2006.

**Program Director**, "Design and Delivery of Leadership Training". Good Governance and Equity in Political Participation (GGEPP) Project. UNDP – Sudan. (March – September, 2006)

**30.** مساعد منسق لإستشارة علمية لإعداد دراسة عن "تحليل الوضع لسياسات صحة الأم في الدول الإسلامية في الدول النامية" جامعة الأحفاد بالتعاون مع مركز البحوث والتنمية, نيجيريا, 2006.

**Assistant coordinator**, Consultancy Study; "Situational analysis of maternal health focused public policy and budgets in Islamic countries in the developing world". Ahfad University in Collaboration with Development Research Project Center (dRPC) Nigeria program. (August, 2006).

**31.** منسق مشروع "دراسة لمسح مناهج المدراس الثانوية والجامعات السودانية حول قضايا الحكم الراشد والنوع" صندوق الأمم المتحدة الإنمائي, السودان, 2006.

**Program coordinator**, Study of Secondary schools and university student's curricula regarding good governance and gender issues. GGEPP project, UNDP. (September, 2006)

**32.** إستشاري وطني لإعداد دليل عن "المتابعة والتقييم" لمجلس السكان, السودان, 2006.

**National Consultant** for the Developing the "Monitoring and Evaluation Manual", for the Population Council. AUW (Feb. 2006).



**33.** عضو لجنة التدريب الإستشارية لمشروع "الحكم الراشد والعدالة في المشاركة السياسية" صندوق الأمم المتحدة الإنمائي, السودان, 2006.

**Member** of the Advisory Training Committee for the UNDP Good Governance & Equity in Political Participation Project. UNDP-Sudan. (Feb, 2006 up-to-date)

**34.** إستشاري وطني ورئيس فريق العمل لإعداد منهج وتأليف كتاب مدرسي في "العلوم الأسرية" المركز القومي للمناهج والتطوير التربوي, وزارة التعليم العام الإتحادية, السودان, 2003-2003.

**National Consultant and Head of the Committee** for Reviewing and Developing the Higher Secondary School Books "Family Sciences", for the Ministry of General Education. (Dec. 2002).

**35.** منسق لمشروع " تطوير مساق أكاديمي لدرجة البكالوريوس في مجال العلاج الطبيعي وإعادة التأهيل " جامعة الأحفاد للبنات, 2004 – 2006.

**Coordinator**, "Promotion of a BSc degree in Rehabilitation Studies" Ahfad University for Women and the Italian Volunteer Organization for International Co-operation. (2004 -2006).

**36.** إعداد مقترح عمل لتقييم الوضع التغذوي للأطفال بمعسكرات النازحين بمدينة الخرطوم, منظمة اليونيسيف, السودان, 2005.

**Development** of a project proposal for the assessment of the nutritional status of the children in IDPs Camps and squatered areas in Khartoum State, 2005. UNICEF, Sudan

- **Head of the Coordination Committee for project "SDN6R209, SCALING UP HIV/AIDS PREVENTION RESPONSE, Ahfad HIV\_AIDS\_Resource Center- AHAR" in collaboration with the Global Fund and the Sudan National AIDS Program (SNAP), FMOH. March, 2009.**

## ADDITIONAL TRAINING

## تدريب إضافي

Attended the following conferences/workshops/meetings and training courses:

### First; Nutrition

المشاركة في ورشة العمل الدولية حول "تحسين التدريب في تغذية الطوارئ" – نيروبي-كينيا- نوفمبر 2008 و عضو مؤسس للشبكة العالمية لتغذية الطوارئ
International Workshop on "Improving Training in Nutrition in Emergencies", November, 6th – 7th, 2008Nairobi, Kenya.
المشاركة بورقة علمية في مؤتمر وبائيات التغذية الأفريقي: تعجيل العمل في التغذية في أفريقيا- القاهرة- مصر – أكتوبر, 2008
African Nutrition Epidemiology Conference, "Accelerating Progress for Nutrition in Africa" October, 13 <sup>th</sup> -16 <sup>th</sup> , 2008, Cairo, Egypt.
المؤتمر التقني حول سوء التغذية في الأطفال – الخرطوم – السودان – يونيو, 2008
Technical Conference on Malnutrition in the Young Child. Khartoum, Sudan, (18-19 June, 2008).

المشاركة في ورشة العمل الدولية حول إدماج برنامج معالجة سوء التغذية المعتمد علي المجتمع – واشنطن – الولايات المتحدة الأمريكية – أبريل، 2008
The Integration of Community-based Management of Acute Malnutrition. Washington DC, (April 2008).
البرنامج التدريبي حول "برنامج القيادة الأفريقي في التغذية" – جوهانسبيرج – جنوب أفريقيا – مارس 2008.
African Nutrition Leadership Program (ANLP), March 11-21, 2008. South Africa
ورشة العمل الدولية حول "تدريب المدربين في تغذية المسنين في أفريقيا" – نيروبي- كينيا- 2000
Training of Trainers; Nutrition of Older People in Sub Saharan Africa. Nairobi, Kenya, (1 month 2000). Organized by Help Age International.
ورشة العمل الدولية حول "حفظ الأرواح وسبل العيش: إدارة التدخلات الأساسية في ظروف الكوارث المعقدة" – كيب تاون – جنوب أفريقيا- يناير 2001.
Saving Live and Livelihood: Managing Fundamental Interventions in Complex Emergencies. CapeTown, South Africa, (Month-Month 2001). Orgnaized by the Feinstein International Famine Center, Tufts University, Boston, USA.
ورشة العمل الدولية حول "تطوير منهج يستجيب لحفظ السلام والكوارث الإنسانية في أفريقيا: مساهمة وتحديات الجامعات الأفريقية" – كيب تاون- جنوب أفريقيا- أغسطس 2004.
Developing Curricula to Respond to Peace-Keeping and Humanitarian Crises in Africa. The contributions of and challenges for African universities, Cape Town, South Africa, (August 2-4, 2004). Organized by the Feinstein International Famine Center, Tufts University, Boston, USA.

## Second; Nutrition and Health related issues

مستشار وطني مؤقت لمنظمة الصحة العالمية والمشاركة بأسم السودان في البرنامج التدريبي في مجال "الرصد والتقييم لبرامج وبانيات فيروس المناعة البشري" لدول الشرق الأوسط وشمال أفريقيا، بيروت، لبنان، 2 - 11 نوفمبر 2009
As a <b>WHO Temporary Advisor</b> , attended the training course on “Concentrated Hiv Epidemics Monitoring and Evaluation”; Middle East and North Africa. Beirut, Lebanon, 2 - 11 November 2009.
ورشة العمل حول "ما بعد النزاعات" – الخرطوم – سبتمبر 2004.
Post Conflict, Khartoum, Sudan, (September, 2004). Organized by the Population Council
ورشة العمل حول "تصميم المناهج" – وزارة التعليم العالي - بخت الرضا – السودان – سبتمبر 2004.
Curriculum Design, Bakht Al Rudda, Sudan, (September, 2004). Organized by the Ministry of Higher Education.
البرنامج التدريبي حول " برنامج الرؤي القيادية في السكان والتنمية – السودان-كينيا-ماليزيا – 2003 – 2005.
Visionary Leadership Program in Population and Development (VLP), Sudan, Kenya, Malaysia, (2003-2005). Organized by the Consortium of CAFS, ICOM, Partners, funded by Packard Foundation
ورشة العمل الدولية حول " خطة عمل أديس أبابا: دعوة للعمل القيادي المشترك في مجال تطوير القيادة في مجال السكان والتنمية" – أديس أبابا – أثيوبيا- يوليو 2004.
“ACTION ADDIS ABABA” Addis Ababa, Ethiopia, (July 2004). A Call for Leadership in Population and Development. Jointly-sponsored and organized by the Leadership Development Program (LDM)/Institute of International Education, International Health Program/International Family Planning Leadership Program, University of Washington/Population Leadership Program and Partners for Population and Development/Visionary Leadership Program
البرنامج التدريبي المتقدم في "القيادة الرؤيا في السكان والتنمية" – كوالامبور – ماليزيا – 2003.
Advanced Training Program in Visionary Leadership in Population and Development-Inter-country Forum, Kuala Lumpur, Malaysia, (November 2003).
برنامج الزمالة والكورس التدريبي المتقدم في " برنامج القيادة في مجال تنظيم الأسرة والصحة الإنجابية" – سانتا كروز – كاليفورنيا- الولايات المتحدة الأمريكية- يونيو 2003
Fellowship and Advance Training Program in Leadership Program in Family Planning and Reproductive Health. Santa Cruz, California, USA, (June 2003).
ورشة العمل العربية حول "تطوير أدوار عمداء الكليات ورؤساء الأقسام كقادة أكاديمين" – المنظمة العربية للتنمية الإدارية – العين- الإمارات العربية المتحدة - 2000
Developing the Roles of College Department Chairpersons’ as academic Leaders. Al Ain, United Arab Emirates, (month 2000). Orgnized by Arab Administrative Development Orgnization and United Arab Emirates University.
ورشة العمل حول "تنمية القدرات القيادية لأخصائي صحة المجتمع" – الشبكة الشرق أوسطية لمؤسسات التعليم المتوجهة

<p>نحو المجتمع لعلوم الصحة- واد مدني – السودان- 1999.</p> <p>Leadership Development of Community Health Professional and Educators. Wad Medani, Sudan, (month 1999). Organized by East Mediterranean Chapter of the Network of Community Oriented Educational Institution for Health Science.</p> <p>ورشة العمل الدولية حول "التعليم الموجه نحو المجتمع: إدماج مفاهيم التعليم بأسلوب حل المشكلات"- جامعة قناة السويس- مصر- 1994</p> <p>International Workshop on Community Based Education, incorporating Problem-Based Education. Egypt, (month 1994). Organized by the Center for Research and Development, Suis Canal University.</p>
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## RESEARCH

## الأبحاث

### Research Areas:

### مجالات الأبحاث الأساسية

1- Nutrition of Infant and Young Child Feeding	تغذية الرضع وصغار الأطفال
2- Nutrition of Older People (Elderly)	تغذية المسنين
3- Nutrition in Emergency	تغذية الطوارئ والكوارث
4- Nutrition of Athletes	تغذية الرياضيين

- In (2009), supervised **3 PhD researches** in: *Nutrition of Older People* and *Policies for infant feeding in emergencies*.
- **Co investigator:** “Prevention strategy to protect children nutritional status in food aid dependent population: a comparative efficacy study on the administration of two improved nutrient supplements in IDP camps (South Darfur State, Sudan)”. **Principal investigator** Laura Rossi, PhD, National Institute of Research on Food and Nutrition, INRAN (Italy). **ACF –and FMOH, Sudan, Feb. 2009.**
- Supervised **more than 24 MS thesis** (MS program in Human Nutrition) at AUW, in the different fields of nutrition and related subjects, seven out of these researches were published in Ahfad journal or presented in different scientific meeting and seminars
- **Supervisor, 3 MS Projects, Disaster Management & Refugees Studies Institute, International University of Africa (2001, 2002, 2008).**
- **Co-supervisor, MS Program** in the Dept. of **Food Science & Technology**, Faculty of Agriculture, University of Khartoum (1997).
- **External examiner, 13 Master Degrees in Food Science and Technology, Faculty of Agriculture, University of Khartoum (1998—2008)**
- **External examiner, 2 Master Degrees in Food Science and Technology, Faculty of Agriculture, Omdurman Islamic University.**
- **External examiner, Master Degrees in Disaster Management & Refugees Studies Institute, international University of Africa (2001)**

- **Internal examiner**, the **Master Degrees in Human Nutrition**, NCTR, Ahfad University for women (1999-2007).

- At the BSc –Honors level, have supervised **more than 45 dissertation projects** (1993-2008) in the different aspects of nutrition. Many of these research projects won prices at the university level and many of them were published in Ahfad journal as well as presented in many national and regional meetings and seminars.

## MEMBERSHIP OF PROFESSIONAL SOCIETIES عضوية الجمعيات العلمية والأكاديمية

<b>Member</b> of "The Nutrition and Climate Change eGroup (NutCC ).
<b>Member</b> of "The Emergency Nutrition Network (ENN).
<b>Member</b> of "The Global Forum on Food Security and Nutrition (FSN Forum)
عضو الجمعية الأمريكية للتغذية – الولايات المتحدة الأمريكية
Member of the American Society for Nutrition. USA.
عضو الجمعية البريطانية للتغذية – لندن - بريطانيا
Member of the British Nutrition Association. London, UK.
عضو الجمعية الكيميائية الأمريكية – واشنطن - الولايات المتحدة الأمريكية
Member of the <b>American Chemical Society</b> , Washington, USA.
عضو جمعية الكيمياء والصناعة البريطانية - بريطانيا
Member of the Society of Chemistry & Industry (SCI), UK.
عضو جمعية دراسة البدانة – بريطانيا
Member of the Association of the Study of Obesity (ASO), UK.
عضو ومؤسس الجمعية السودانية للبيئة والتغذية - السودان
Member of the Sudanese Organization for Environment and Nutrition. Sudan.
عضو الجمعية السودانية لعلوم وتكنولوجيا الأغذية - السودان
Member of the Sudanese Society for Food Science and Technology. Khartoum, Sudan.
عضو الجمعية الكيميائية السودانية - السودان
Member of the <b>Sudanese Chemical Society</b> , Khartoum, Sudan.
عضو جمعية البساتين السودانية - السودان
Member of the <b>Sudanese Horticulture Society</b> , Khartoum, Sudan.
عضو جمعية بابكر بدري للدراسات النسوية – أمدorman- السودان
Member of the Babiker Badri Scientific Association for Women Studies. Omdurman, Sudan.
عضو جمعية كافا لتطوير المجتمع – أمدorman- السودان
Member of the of the <b>Community Animator Friends Association</b> (CAFA). Omdurman, Sudan.
عضو منتسب بالجمعية البيطرية السودانية - السودان
Associate Member of the <b>Sudanese Veterinary Association</b> , Khartoum, Sudan.

## **UNIVERSITY SERVICE/COLLEGE COMMITTEES**

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### ***Ahfad University for Women (2009- 1995)***

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- Member of the [AUW Standing Curriculum Committee](#) for the *Development of the First Year (freshman) Syllabi*. AUW, Dec. 2008 – March 2009.
- Member of the [AUW Standing Curriculum Committee](#) for *Unifying Rules and Regulation for the First Year (freshman) Syllabi*. AUW, February – to date, March 2009.
- Member of the [School of Health Sciences \(AUW\), Curriculum Committee](#) for the *Restructuring and Modifying the School's Plan and Syllabi*. AUW, January – March 2009.
- Member of the [School of Rural Extension \(AUW\), Curriculum Committee](#) for the *Development of the course on Nutrition in Emergency*. AUW, January – March 2009.
- Member of the [AUW Ethical Committee](#), Jan. 2009.
- Head of the [Coordination Committee](#) for project “SDN6R209, SCALING UP HIV/AIDS PREVENTION RESPONSE\_ Ahfad HIV\_ AIDS\_ Resource Center- AHAR” in collaboration with the Global Fund and the Sudan National AIDS Program (SNAP), FMOH. March, 2009.
- Member of the [National Coordination Committee](#) for the “*Integration of the Community-based Management of Acute Sever Malnutrition in Health Services in Sudan*” FMOH, Sudan, March, 2009.

### ***Contribution to Curriculum Development at the University Level:***

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**Member** of the [University Standing Curricula Committee](#), Ahfad University for Women 1992- 2010.

**Member of the Committee** for the development of the curriculum of the **Biochemistry and Introductory Module** of the School of **Medicine**, Ahfad University for Women (1991 – 1995).

**Member** of the [Curriculum Committee](#) of the **School of Medicine** (1991 - 2010)

**Member of the Committee** for **updating** the curriculum of the **Practical Chemistry and Biochemistry** course, School of Family Sciences, Ahfad University for Women (1991-92).

**Head** of the [Curricula Development Committees](#) for the **establishment** of Specialized Options (**Food and Nutrition, Food Science and Technology, Community Health Management**), School of Family Sciences, Ahfad University for Women (1993-1995).

**Head** of the [Curriculum Development Committees](#) for **establishing** the first **Master Degree in Human Nutrition**, School of Family Sciences, Ahfad University for Women (1994-1997).

**Head** of the [Curriculum Development Committee](#) for **establishing** the first **PhD Degree in Human Nutrition**, Nutrition Center for Training and Research (NCTR), Ahfad University for Women (2003-2004).

**Head** of the [Curriculum Development Committee](#) for **establishing** the **Higher Diploma Degree** in “Teaching Family Sciences”, School of Family Sciences, Ahfad University for Women (1993-1995).

**Head** of the [Standing Curriculum Development Committee](#) of the **School of Family Sciences**, Ahfad University for Women (1995 - 2001).

**Member** of the [Quality Assurance Taskforce: Preliminary Courses Committee](#), School of Family Sciences, AUW, 2000.

**Head** of the Standing Curriculum Development Committees of the Nutrition Center for Training and Research (NCTR), Ahfad University for Women (2000 - 2010).

**Member** of the Curriculum Development Committees for the **establishing** new programs (**Nutrition and Dietetics**) of the **School of Health Sciences**, Ahfad University for Women (2005 - 2010).

**Coordinator** and **Member** of the Curriculum Development Committees for the **establishing** of the **Physiotherapy and Rehabilitation Studies**, Ahfad University for Women (2003-2007)

**Developing Organic and Biochemistry Course** for the **School of Pharmacy**, Ahfad University for Women (2002)

**Member** of the Curriculum Development Committees for **establishing** the **Master Degree in Gender and Development**, Institute of Gender and Women Studies, Ahfad University for Women (1994-1997).

**Member** of the Curriculum Development Committees for **establishing** the **Master Degree in Rural Sustainable Development**, School of Rural Extension & Education Development, Ahfad University for Women (1994-1997).

**Member** of the University Postgraduate Committee for developing **Laws, Rules and Regulations for the Post graduate Studies**, Ahfad University for Women (1997-2004).

**Member** of the University Consultative Committee for **Improving the Rural Extension Course**. School of REED, AUW. May, 2007.

**Resource Person**, of the Rural Extension Field Trips for **Preparatory Supervisors and Students Workshops**. School of REED, AUW. 2002-2007.

**Member** of the University Committee for **Revising the Training Manual on Gender and RH Quality Services**. Institute for Women, Gender & Development Studies, AUW. May, 2003.

**Member** of the Committee for: **Developing Curricula to Respond to Peace-Keeping and Humanitarian Crises in Africa: the Contribution of and Challenges for African Universities**. The Alan Shawn Feinstein International Famine Center, Tufts University and Ahfad University for Women. Jan. 2004.

**Development and Piloting of a Course on: Nutrition in Emergency for Practitioners and Masters' Students**. The Alan Shawn Feinstein International Famine Center, Tufts University and Ahfad University for Women. Jan. 2004.

**Adaptation and Transfer of the VLP Program to Ahfad University for Women"** AUW, 2006.

**Participant:** TOT Workshop "Integration of Reproductive Health in Ahfad Curricula". AUW, Jan. 1997.

**Convenor**, Workshop on: **Integration of Reproductive Health (RH) Issues in the Universities and Institutes of Higher Education Curricula**. AUW and FMED, May 2004.

**Member Committee:** "Developing Curricula to respond to Peace-Keeping and Humanitarian Crises in Africa – the Contribution of and Challenges for African Universities". Cape Town, South Africa, Aug 2004 (Ref.7).

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### **Higher Education:**

- **Developing Curriculum of Nutrition Course, Adult Education, Sudan Open University (2007).**
- **Developing Curriculum of Family Sciences, Ruffaa University College (2000).**
- **Developing Curriculum of Family Sciences, Zafar University, Sultanate of Oman (2000)**
- **Developing Curriculum of Family Sciences, Sudan University College for Women (2006).**
- **Currently, Developing Curriculum for Nutrition, Food Technology & Home Economics Extension, College of Health Science; Juba Women University College (JUWUCO), 2008 on going activity.**

### **General Education, Government of the Sudan:**

- **Head of the Committee for developing curriculum in “Family Sciences”, first level (Year I & II), Higher Secondary Schools, Federal Ministry of General Education, Government of the Sudan (1999-2002).**
- **Head of the Committee for developing curriculum in “Family Sciences”, Second level (Year III), Higher Secondary Schools, Federal Ministry of General Education, Government of the Sudan (2002-2003).**
- **Developed the Exam regulations and standards for the Family Sciences Subject, Sudan Examination Board, Federal Ministry of General Education, Government of the Sudan (2003).**
- **Chief Examiner, Family Sciences Subject, Sudan Examination Board, Federal Ministry of General Education, Government of the Sudan (2003/4/5/6).**
- **Updating and revising of the Family Sciences Books (2 Books) Secondary level (Year I & II), Higher Secondary Schools, Federal Ministry of General Education, Government of the Sudan (2005).**
- **Revising the Book for the Primary Schools level “الإنسان والكون” Federal Ministry of General Education, Government of the Sudan (2002)**
- **Revising the Book for the Primary Schools level “مسكننا” Federal Ministry of General Education, Government of the Sudan (2002).**
- **Revising the Book for the Primary Schools level (Grade 7) “الغذاء والصحة” Federal Ministry of General Education, Government of the Sudan (2002).**
- **Revising the Book for the Primary Schools level (Grade 8) “الغذاء والصحة” Federal Ministry of General Education, Government of the Sudan (2002).**

### **Ministry of Health and others:**

- **Member, the Committee for the Evaluation of the Syllabi of the Biochemistry and Food Science Specialization, Department of Food Science and Technology, University of Khartoum. July, 1998.**
- **Member of the Taskforce for Reviewing the Manual of the Management of Severe Acute Malnutrition. National Nutrition Directorate, PHC, Federal Ministry of Health, 2006.**
- **Member of the Taskforce for Reviewing the Manual of the Nutrition and HIVAIDS. National Nutrition Directorate, PHC, Federal Ministry of Health, 2006.**



- **Member**, the **Advisory Training Committee** for the **UNDP** Good Governance & Equity in Political Participation Project. UNDP-Sudan. (Feb, 2006 up-to-date)

#### **Ahfad University for Women (Before 1995)**

- Member of the **Academic Council** of Ahfad University for Women, 1995- present.
- Head of the committee for establishment of the **MS Program in Human Nutrition**, Ahfad University for Women, 1997.
- Head of the committee for establishing **new specializations** (Food and Nutrition, Community Health Management, and Food Science and Technology) in the curriculum of the School of Family Sciences, Ahfad University for Women, 1997.
- Head of the **Graduation Ceremony Committee** of Ahfad University for Women, 1991- present.
- Member of Ahfad University for Women **rural extension annual field trips**, 1993- present.
- Member of the **administrative board** of Ahfad University for Women, 1995-2001.
- Member of the committee for establishment of the **MS Program in Gender and Development**, Institute of Women Studies, Ahfad University for Women.
- Member of the **curriculum committee of the School of Medicine and School of Pharmacy**, Ahfad University for Women, 1997.
- Member of the **academic perfection committee** of Ahfad University for Women, 1994-1997.
- Member of the **curriculum design committee** of the newly establish Faculty of Family Science, Ruffaa University, 2000.
- Member of the **curriculum design committee** of the newly establish Faculty of Family Science, Zafar University, Sultanate of Omman, 2000.
- Member of the committee for establishment of the **MS Program in Sustainable Rural Development**, 2001-2002.

#### **Contribution to Academic and Developmental Activities at the University Level**

1. **1990-1991: Teaching Assistant,**
2. **1991-1992: Lecturer,**
3. **1992-1998: Assistant Professor,**
4. **1998-up-to-date: Associate Professor,**
5. **1990-1995: Deputy Head, Ahfad Laboratories,**
6. **1995-2001: Dean School of Family Sciences,**
7. **2001-2010: Director, Nutrition Center for Training and Research (NCTR),**
8. **2009-2010: Registrar, Ahfad University for Women**



## **ACADEMIC AWARDS/RECOGNITIONS**

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Award from the Minister of Health, Sudan. In recognition for the Development of the First National Nutrition Policy and Strategies for Implementation. February 21<sup>st</sup> 2009.

Graduate School Fellowship (1987). University of Khartoum, Khartoum, Sudan.

DAAD (German) Fellowship (1984). Postgraduate (MS) Fellowship, University of Khartoum, Khartoum, Sudan.

DAAD (German) Fellowship (1989). Postgraduate (PhD) Fellowship, University of Khartoum, Khartoum, Sudan.

## PUBLICATIONS (PROFESSIONAL ACTIVITIES)

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### *Publications*

1. Nawal M.M.Ali, Abdullahi H. El Tinaya, Abd Elmoneim O. Elkhailifa, **OA Salih**, N.E. Yousif (2008). **Effect of alkaline pretreatment and cooking on protein fractions of a high-tannin sorghum cultivar**. Food Chemistry. doi: 10.1016/j.foodchem.2008.10.001
2. **Salih, O. A.**; Khattab, A.H. (2008). **Nutrition Policy for Sudan and Strategy for Implementation**. *The Ahfad Journal*, Vol. 24, 2:2-13.
3. **Salih, O. A.** (2008). **Nutritional Status of Older Persons in Different Settings in Greater Khartoum**. *The Ahfad Journal*, Vol. 24, 2:35-42.
4. Bashir, S.; Abdel Magied, A., **Salih, O.A.** (2008). **Nutrition Status, Health Risk Factors and Food Security of Older People Living in Kass Province (South Darfur) – Case Study: Shattaya Fur**. *The Ahfad Journal*, Vol. 24, 2:12-23.
5. Eltinay, F.Z; Abdel Magied, A.; **Salih, O.A.** (2008). **Health Problems and Nutritional Status of Sudanese Elderly in Khartoum State Hospital**. *The Ahfad Journal*, Vol. 24, 2:24-34.
6. Abass, M.M.; Abdel Magied, A., **Salih, O.A.** (2008). **Assessment of the Nutritional Status and Identification of Health Risk Factors of the Older People in Khartoum State**. *The Ahfad Journal*, Vol. 24, 2:43-56.
7. **Salih, O. A.** (2006). **Nutrition of Older Persons in Sudan: A Gender Perspective**. *The Ahfad Journal*, Vol. 23, 2:133-140.
8. **Salih, O. A.**; Abdel Aziz E. (2006) **Underweight, overweight and obesity among Sudanese Secondary Schoolchildren of Khartoum State**. *The Ahfad Journal*, Vol. 24,1:59-73.
9. **Salih, O. A.**; Osman M.; Bushra S. (1998). **Some characteristics and nutritional behavior of the homeless children age 5 to 18 in Khartoum State**. *The Ahfad Journal*, Vol. 15, 2:32-44.
10. **Salih, O. A** (1996). **Family Sciences: Three Decades of Achievements**. *The Ahfad Journal*, Vol.13, 1:3-9.
11. **Salih, O. A** (1997). **Curriculum Development for Post Graduate Education in Human Nutrition**. *The Ahfad Journal*, Vol. 14, 1:9-14.
12. Abdel Magied, A.; **Salih, O. A** (1997). **Araki Tamour, Alcoholism and Malnutrition in Khartoum State**. *The Ahfad Journal*, Vol. 14, 1:15-22.
13. Dardiri, M.M.; **Salih, O. A** (1997). **A review on Natural Flavor Production: Biotechnological Approach**. *The Ahfad Journal*, Vol. 14,1:34-42.
14. **Salih, O. A.** (2008). **Research Notes: Nutritional Knowledge of the Final Year Students of the Medical Schools in Khartoum State**. Salih, Osama; Zein Alabden, A. Israa (School of Medicine, Ahfad University for Women. *The Ahfad Journal*, Vol. 24, 2:2-13.
15. **Salih, O. A.** (2008). **Research Notes: Assessment of Knowledge, Attitude and Practices of the Teachers of the Preschool age About Nutrition**. Salih, Osama; Hamid, E. Nihad

(School of Health Sciences, Ahfad University for Women). *The Ahfad Journal*, Vol. 24, 2:2-13.

16. Salih, O. A. (2008). **Research Notes: Assessing the Nutritional and Health Care Services Provided to Older Patients in Khartoum North Teaching Hospital.** Salih, Osama; Mahadi, Maria; Issa, Safia; Altayeb, Shima (School of Health Sciences, Ahfad University for Women). *The Ahfad Journal*, Vol. 24, 2:2-13.
17. Salih, O. A. (2008). **Research Notes: Prevalence of Endemic Goiter among Patients Admitted to General Hospitals in Khartoum State.** Salih, Osama; Nurien, A. Amel (School of Medicine, Ahfad University for Women). *The Ahfad Journal*, Vol. 24, 2:2-13.
18. Salih, O. A. (2008). **Research Notes: Nutrition and HIV/AIDS Evidence, Gaps and Priority Actions.** Salih, Osama; Balli, Grace; Marko, Rejoice (School of Health Sciences, Ahfad University for Women). *The Ahfad Journal*, Vol. 24, 2:2-13.
19. Salih, O. A. (2008). **Book Review: Suraiya Ismail and Mary Manandhar, (eds), (1999), Better Nutrition for Older People - Assessment and Action.** HelpAge International, 67-74 Saffron Hill, London EC1N 8QX, UK. p79, ISBN: 1 872590 40 3. *The Ahfad Journal*, Vol. 24, 2:2-13.
20. Salih, O. A. **Guest Editor:** *The Ahfad Journal*, Vol. 24, 2008.
21. Salih, O. A. **Guest Editor:** *The Ahfad Journal*, Vol. 1, 1997.
22. Salih, O.A. (2008). **Profile of A Nutrition Institute: Nutrition Center for Training and Research at Ahfad University for Women.** Nestle Foundation Report (2007). Nestle Foundation, Lausanne, Switzerland.
23. Salih, O.A; et al. (2005). FAO (2005). **Nutrition Country Profile, the Republic of the Sudan.** Sudan Nutrition Profile – Food and Nutrition Division, FAO, 2005.
24. Salih, O. A (2005). **Study on the Development of the nutritional status in the Rural Arab countries,** (Arabic). Arab Organization for the Agricultural Development. Dec. 2005.

### **Conference Presentations**

1. Salih, O. A., (2011). **Oral Presentation: Nutritional Knowledge Of The Final Year Medical Students In Sudan.** "The Jazan University Medical Research Day, 2011".
2. Salih, O. A., (2008). **Underweight, Overweight and Obesity among Secondary Schoolchildren of Khartoum State.** A paper accepted for poster presentation to, Africa Nutritional Epidemiology Conference: "Accelerating Progress for Nutrition in Africa. October, 2008.
3. Salih, O. A.; Abdel Magied A.; Saad, M. (2008). **Nutrition Vulnerability and Health Risk Factors of Older People Living in Southern Darfur (Case study: Tulus Province).** A paper accepted for poster presentation to, Africa Nutritional Epidemiology Conference: "Accelerating Progress for Nutrition in Africa. October, 2008.
4. Salih, O. A.; Badri, B.A. (2006). **Evaluation of Knowledge about the Concepts of Good Governance and Gender and the possibility of its integration School Curricula in Sudan.** A paper presented to the **National Workshop** on National Experts Vision on Integrating Good Governance and Gender Concepts in School Curricula in Sudan UNDP, Sudan, (Arabic).

5. **Salih, O. A. (2006).** *The Healthy and Balanced Diet*. A paper presented to the Regional Training Workshop on: Developing Nutrition Awareness of the Rural Arab Women. The Arab Organization for Agricultural Development (AOAD), Sana, Yemen, June 3-8, 2006, (Arabic).
6. **Salih, O. A. (2006).** *Nutritional Values of Foods and Food Tables*. A paper presented to the Regional Training Workshop on: Developing Nutrition Awareness of the Rural Arab Women. The Arab Organization for Agricultural Development (AOAD), Sana, Yemen, June 3-8, 2006, (Arabic).
7. **Salih, O. A. (2006).** *Nutritional Behavior and Role in Nutritional Status*. A paper presented to the Regional Training Workshop on: Developing Nutrition Awareness of the Rural Arab Women. The Arab Organization for Agricultural Development (AOAD), Sana, Yemen, June 3-8, 2006, (Arabic).
8. **Salih, O. A. (2005).** *Sudan Experience in developing and promoting non-governmental Higher Education*. A paper presented to the International Conference on Private Education Technology. Egypt, June 17-18, 2005, (Arabic).
9. **Salih, O. A., (2004).** *Athlete Nutrition: Case Study of Athlete Nutrition in the Sudan*. A paper presented to The First National Arab Conference on Nutrition. September 2001, Manama, Bahrain, (Arabic).
10. **Salih, O. A., (2003).** *Health and Nutrition of Elderly*. A paper presented to the Sensitization Workshop "Gender and Age Awareness). HelpAge International, Khartoum, Sudan, March, 2003.
11. **Salih, O. A., (2003).** *Nutrition of elderly*. A paper presented to the Sensitization Workshop "Gender and Age Awareness). HelpAge International, Khartoum, Sudan, March, 2003.
12. **Salih, O. A., (2003).** *Growing Older: Nutrition Assessment, Services, and Programs in Sudan*. Notes for Policy Formulation at the Country Level. HelpAge International and Ministry of Health, Khartoum, Sudan, October, 2003.
13. **Salih, O. A., (2002).** *Nutrition of Older People in the Sudan*. A paper presented to the *International Symposium on Care of older people in the family, community and institutions*. Nairobi, Kenya, 25-27 Mars 2002.
14. **Salih, O. A., (2002).** *Situation Analysis of Older People in the Sudan*. A paper presented to *The National Preparatory Workshop for the International Ageing Conference of Madrid*. Khartoum, Sudan.
15. **Salih, O. A., (2001).** *Concepts of Food and Nutrition*. A paper presented to the Workshop of Nutritional Training and Elderly Nutrition. Association for the Care of Older People. June, 2001. Khartoum, Sudan.
16. **Salih, O. A., (2001).** *Importance of the Nutrition Education for Elderly*. A paper presented to The Workshop for Nutritional Training and Elderly Nutrition. Association for the Care of Older People. June, 2001. Khartoum, Sudan.
17. **Salih, O. A., (2001).** *Nutritional Behaviors in Health and Disease*. A paper presented to The Third International Symposium: Islam and Urgent Issues. April 2001, Khartoum, Sudan

18. Salih, O. A., (2000). *Psychological Health for Homeless Children and the Impact of Nutrition*. Workshop on the International Psychological Health Day. October 2000, Khartoum, Sudan
19. Salih, O. A., (2006). *What Makes a Good Leader?: Leadership Styles*. A paper presented to the Training Workshop "Skills & Tools of Health Planning & Management). Federal Ministry of Health and WHO, Khartoum, Sudan, July 8-12, 2006.
20. Salih, O. A., (2007). Editor, Weekly Column on *Nutrition Issues*, *Zawaia* News Paper.

### **Books**

1. **Family Sciences I**. (2003). Edited by Salih, O. A., Abdel Magied, A., Mustafa, A.A., Mahmoud, Kh. National Center for Curricula and Educational Research (Bakht Elrudda); Federal Ministry of Education. Government of the Sudan (Arabic).
2. **Family Sciences II**. (2003). Edited by Salih, O. A., Abdel Magied, A., Mustafa, A.A., Mahmoud, Kh. National Center for Curricula and Educational Research (Bakht Elrudda); Federal Ministry of Education. Government of the Sudan (Arabic).
3. **Better Nutrition for Older People**. (2001). Translated by Salih, O. A. (Translation into Arabic). HelpAge International and London School of Hygiene and Tropical Medicine, London, UK.
4. **Principal author of a book** on "**Nutrition in Emergency, with special Emphasis on Arab Countries**" (On- going activity).
5. **Principal author of a book** on "**Nutrition Anthropology of the Kingdom of Saudi Arabia**" (On- going activity).
6. **Principal author of a book** on "**Community Nutrition in the Kingdom of Saudi Arabia**"(On-going activity).

### **Manuals and Reports**

1. **Women & Leadership skills**, Participant's Manual (2005). (Arabic). Edited by Salih, O. A and Badri B.A. UNDP – Sudan.
2. **Women & Leadership skills**, Trainer's Manual (2005). (Arabic). Edited by Salih, O. A and Badri B.A. UNDP – Sudan.
3. **Leadership Skills for People Living with HIV/AIDS** A (2005). (Arabic). Edited by Salih, O. A and Badri B. UNFPA, Sudan.
4. **Monitoring and Evaluation** (2005). (Arabic). Edited by Salih, O. A and Badri B.A Training Manual on Ahfad University for Women.
5. **Training Manual for Youth in Reproductive Health** (2004). (Arabic). Co-authored by: Salih, O. A et al. Ahfad University for Women and Packard Foundation.
6. **Manual: Student Manual for Sudan Higher Secondary Certificate** (2007). Plan for Sudan Higher Secondary School Certificate for the year 2007. Co-authored by: Salih, O.

A et al. National Center for Curricula and Educational Research. Government of the Sudan, 2007.

7. **Training Manual for Health Cadre in Eradication of Females Genital Mutilation**, (2008). (Arabic). Co-authored by: Salih, O. A et al. Ahfad University for Women, Federal Ministry of Health and UNFPA.

## **DISSERTATION COMMITTEE (MS & PhD)**

---

### **Supervision:**

1. Walaa A. A. (PhD, 2006, School of Health Sciences, Ahfad University for Women). The Nutritional Status of Free Living Elderly in Khartoum.
2. Sara Dakam. (PhD, 2004, School of Health Sciences, Ahfad University for Women). Policies of Infant and Young Children Feeding In Emergencies.
3. Somia Elbashir. (PhD, 2006, School of Health Sciences, Ahfad University for Women). The Nutritional Status of Old Women in Displaced Camps: The Case of Khartoum State Camps, Sudan.
4. Ihsan Hassan. (MS, 2007, School of Health Sciences, Ahfad University for Women). The Effects of Local Food Rich in Folic Acid and Zinc on IQ and School Performance among Children with Down syndrome at School-age (6-12).
5. Salma Khalafalla. (MS, 2007, School of Health Sciences, Ahfad University for Women). Comparison Between Actual Height for the Nilotic Tribes and WHO Standard for Children < 5 years in Malakal Town.
6. Sumia Salih. (MS, 2007, School of Health Sciences, Ahfad University for Women). Factors Affecting Food Consumption and Nutritional Status of Sudanese Pregnant Women in Omdurman Area.
7. Shaza Hassan. (MS, 2007, School of Health Sciences, Ahfad University for Women). Nutrition Knowledge, Attitudes of Elderly People Aged 60+.
8. Sawasan Ahmed. (MS, 2007, School of Health Sciences, Ahfad University for Women). Household Food Insecurity and its Effect on the Nutritional Status of pre-school Children Case study in Umbada.
9. Theresa Venensio. (MS, 2006, School of Health Sciences, Ahfad University for Women). Assessment of Selective Feeding Programs and their Effects on Vulnerable Growth in Greater.
10. Enayat Abdel Aziz. (MS, 2006, School of Health Sciences, Ahfad University for Women). Overweight and Obesity among Children in Private Kindergartens in Khartoum state.
11. Dak Othownh. (MS, 2006, School of Health Sciences, Ahfad University for Women). Sudan School Feeding: Background and Sustainability.
12. Amira Gafar. (MS, 2004, School of Health Sciences, Ahfad University for Women). Assessment of the Nutritional Status of the Children and their Mothers in Dar Mali
13. Awatif Abd El Fadil. MS, 2004, School of Health Sciences, Ahfad University for Women). Knowledge, Attitude and Practices of Mothers Towards Child and Infant Feeding
14. Sawsan Elnour. (MS, 2003, School of Health Sciences, Ahfad University for Women). Diet therapy practices in Khartoum teaching hospital.
15. Priscilla Bayo. (MS, 2003, School of Health Sciences, Ahfad University for Women). Incidence of worm infestations in relation to nutritional status.



16. Salwa Ibrahim. (MS, 2003, School of Health Sciences, Ahfad University for Women). Under five malnutrition in relation to water sanitation situation in ElSalam internally displaced camp(western Omdurman).
17. Aumsalama Ibrahim. (MS, 2003, School of Health Sciences, Ahfad University for Women). Zinc content of some traditional foods of western Sudan.
18. Nawar Fisal. (MS, 2003, School of Health Sciences, Ahfad University for Women). Assessment of water & sanitation in internally displaced camps in Khartoum state with special reference to ITS chemical composition.
19. Gada A/Rahman. (MS, 2000, School of Health Sciences, Ahfad University for Women). Effect of germination on the nutritive value of the pigeon pea.
20. Sara Mohmoud. (MS, 2003, School of Health Sciences, Ahfad University for Women). Health & nutritional assessment of the TB patients at Hay Albaraka displaced camps.
21. Salma Yagi. (MS, 2001, School of Health Sciences, Ahfad University for Women). The nutritional assessment of the older people in the emergency situation displaced camps.
22. Ihsan Ahmed. (MS, 2000, School of Health Sciences, Ahfad University for Women). Dry and wet supplement feeding programs for management of malnutrition among under five children in an emergency situation.
23. Nawal Ismail. (MS, 1999, School of Health Sciences, Ahfad University for Women). Assessment of mother's knowledge attitudes and practices towards child-mother nutrition in Umbada Hara 14.

### **Internal Examination:**

1. MaysaFadul Badawi. (MS, 2008, School of Health Sciences, Ahfad University for Women). **The Effect of Body Image Perception and Eating Habits of Adolescents.**
2. Haram Ali A/Rahman. (MS, 2006, School of Health Sciences, Ahfad University for Women). **Assessment of Nutritional status of School boys and girls 15-18.**
3. Nagat Abbas Alzane. (MS, 2006, School of Health Sciences, Ahfad University for Women). **The effect of Extraction Rate on the Nutrients losses in Wheat Flour.**
4. Rihab Adam A/Alla. (MS, 2006, School of Health Sciences, Ahfad University for Women). **Anemia among Pregnant Women in White Nile State.**
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