

CURRICULUM VITAE

Halimatou S. Alaofè, PhD

Department of Health Promotion Sciences
Mel & Enid Zuckerman College of Public Health
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EDUCATION

Ph.D. Nutrition, October 2008

Laval University, Quebec, Canada

M.Sc. Nutrition, January 2005

Laval University, Quebec, Canada

B.Sc. Biomedical Analysis, October 2001

Université d'Abomey Calavi, Abomey Calavi, Benin

CONTINUING EDUCATION/PROFESSIONAL DEVELOPMENT

- 2012 **Graduate Certificate in Project Management**, Kaplan University, Omaha, NE
- 2011 **Nurse Assistant Training Program**, Rowan-Cabarrus Community College, Kannapolis, NC
- 2008 **African Nutrition Leadership Programme (ANLP)**, Ouarzazate, Morocco
- 2002 **Certified Online Instructor**, Laval University, Quebec, Canada

POSITIONS AND EMPLOYMENT

- 2016 **Assistant Professor**, Health Promotion Sciences, University of Arizona, Tucson, AZ
- 2015 **Consultant (Data analyst)**, Tango International, Tucson, AZ
- 2013-2015 **Postdoctoral Research Associate**, University of Arizona, Tucson, AZ
- 2014-2015 **Project Coordinator**, Solar Electric Light Fund, Kalalé, Benin
- 2014 **Data analyst** (affiliated with UNICEF & National Food and Nutrition Commission of Zambia), Tucson, AZ
- 2013 **Consultant for Literature Review**, Tango International, Tucson, AZ
- 2011-2012 **Nutrition Research Advisor**, USAID Health Care Improvement Project, Bethesda, MD
- 2009-2010 **Postdoctoral Research Associate**, Nutrition Research Institute, University of North Carolina, Kannapolis, NC
- 2008 **Research Assistant**, Université Laval, Quebec, Canada
- 2005-2008 **Research Associate-M&E Specialist**, Université Laval, Quebec, Canada
- 2003-2005 **Research Assistant**, Université Laval, Quebec, Canada
- 2002 **Medical Laboratory Technician**, Hôpital de zone de Bassila, Bassila, Benin.

HONORS & AWARDS

- 2015 **Strategic Priorities Faculty Initiative (SPFI)**, University of Arizona, Tucson, AZ
- 2008 **Dean's List for PhD Studies**, Laval University, Quebec, Canada
International Nutrition Foundation (INF/Unilever) Fellowship, Boston, MA
- 2006-08 **Francophone University Association (FUA) Award**, Laval University, Quebec, Canada
- 2005 **Jean-Paul Houle Scholarship**, Laval University, Quebec, Canada
Dean's List for Master Studies, Laval University, Quebec, Canada
- 2002-04 **Canadian International Development Agency (CIDA) Award**, Laval University, Quebec, Canada

GRANTS & PROJECTS

- 2014-2015 **Evaluation of Solar Market Gardens in Benin** (project funded by Solar Electric Light Fund -SELF)
Co-investigator (in collaboration with Douglas Taren, University of Arizona, and Jennifer Burney, UC Berkeley)
- 2013 **Feed the Future Learning Agenda Literature Review: Improved Nutrition and Diet Quality** (project funded by USAID)
Co-investigator (in collaboration with Douglas Taren, University of Arizona)
- 2011-2012 **Assessment of Anemia Prevention, Screening and Care Best Practices for pregnant women and children 0-5 years in the Sikasso Region of Mali** (project funded by USAID-Mali)
Principal investigator (in collaboration with USAID Health Care Improvement Project - HCI)
- 2005-2008 **Evaluation of nutrition intervention to prevent iron deficiency anemia in boarding school adolescent girls in Benin** (project funded by Francophone University Association-FUA)
Principal investigator
- 2004-2005 **Impact of diet and parasitic infections on the prevalence of iron deficiency in Beninese adolescent girls** (project funded by Canadian International Development Agency-CIDA)
Principal investigator

TEACHING AND CAPACITY BUILDING

- 2013 Invited lecture on “**Improving dietary intake to prevent iron deficiency anemia in boarding school adolescent girls from Southern Benin**” at University of Arizona

- 2012 Invited presentation entitled “**Many Actors One Goal: Actors, Tackling Anemia in Mothers & Children**” A Country Case Study: Mali USAID Health Care Improvement Project University Research Co., LLC CORE Spring Meeting May 1st, 2012, Washington.
- 2008 Invited presentation entitled “**Nutrition intervention aiming to treat iron deficiency anemia in adolescent girls living in boarding schools**” at “Maison de la Francophonie” Workshop in Cotonou, Benin.
- 2005-2009 Graduate course on **Nutritional Assessment**: an in-depth evaluation of both objective and subjective data related to an individual’s food and nutrient intake, lifestyle, and medical history (anthropometric, biochemical, clinical, and dietary).
- Graduate course on **Nutrition and Life Cycle**: introduction to the fundamentals of human nutritional needs at different ages and in different physiological states: pregnancy, lactation, growth, maturity, physical activity and vegetarianism. Understanding the links between diet and health problems: Cardiovascular disease, Obesity, Diabetes, Anemia and Osteoporosis
- Graduate course on **Nutrition and Society**: Importance of diet and its determinants for individuals and societies around the world. Key concepts in human nutrition are discussed, as well as the impact of food availability on food and nutritional balance
- 2003 Invited lecture on “**Nutritional needs in pregnant women**” Laval University in Quebec, Canada.

PUBLICATIONS

PEER-REVIEWED ARTICLES

1. **Alaofè H**, Burney J, Naylor R, Taren D. Solar-Powered Drip Irrigation Impacts on Crops Production Diversity and Dietary Diversity in Northern Benin. Food and nutrition bulletin. 2016 Jun 1;37(2):164-75.
2. **Alaofè H**, Dossa R, Zee J, Turgeon O’Brien H, Impact of socioeconomic and health related factors on the iron status of adolescent girls from two boarding schools in southern Benin. Int J Adolesc Med Health. 2009; 21: 545-54.
3. **Alaofè H**, Dossa R, Zee J, Turgeon O’Brien H, Education and improved iron intakes for treatment of mild iron deficiency anemia in adolescent girls in southern Benin. Food & Nutrition Bulletin, 2009; 30:24-36.
4. Alaofè H, Dossa R, Zee J, Turgeon O’Brien H, Effect of a nutrition education program and diet modification in Beninese adolescent girls suffering from mild iron deficiency anemia. Ecology of Food & Nutrition, 2009; 48:21-38.

5. Alaofè H, Dossa R, Zee J, Turgeon O'Brien H, Iron status of adolescent girls from two boarding schools in southern Benin, *Public Health Nutrition* 2008; 11:737-46.
6. Alaofè H, Dossa R, Zee J, Turgeon O'Brien H, Intestinal parasitic infections in adolescent girls from two boarding schools in southern Benin, *Transactions of the Royal Society of Tropical Medicine and Hygiene* 2008;102: 653-61.
7. Alaofè H, Zee J, Turgeon O'Brien H, Dietary iron and iron deficiency anemia among adolescent girls from Benin, *Rev Epidemiol Sante Publique*. 2007; 55:3, pp.e1-e9.
8. **Alaofè H**, Zee J, Turgeon O'Brien H, Apports alimentaires en fer et anémie ferriprive chez des adolescentes au Bénin, *Revue d'épidémiologie et de Santé Publique* 2007; 55:187-96
9. **Alaofè H**, Zee J, Turgeon O'Brien H, Relation entre les infections parasitaires, les apports en fer absorbable et l'anémie chez des adolescents au Bénin, *Médecine et Nutrition* 2006; 42:14-28.

REPORTS

1. **Alaofè H**, Hill K, Kamgang E, Boucar M, Sangare K, Djibrina S, Saley Z. Assessment of Anemia Prevention, Screening and Care Best Practices for pregnant women and children 0-5 years in the Sikasso Region of Mali. USAID-Mali. 2012
2. Taren, D. and **Alaofè, H**. Feed the Future Learning Agenda Literature Review: Improved Nutrition and Diet Quality. USAID. Washington DC. (2013). Available at: http://agrilinks.org/sites/default/files/resource/files/Feed%20the%20Future%20Learning%20Agenda%20Literature%20Review_Nutrition_2013.pdf
3. **Alaofè H**, Lindsay Kohler, Douglas Taren, Musonda J. Mofu, Justin Chileshe, Ngandwe Kalungwana. Zambia Food Consumption and Micronutrient status survey report. Lusaka: Zambia: National Food and Nutrition Commission (NFNC). 2014

CONFERENCE ABSTRACTS & PRESENTATIONS

1. Alaofè H, Taren D, Burney J, Naylor R. Anemia, Iron and Vitamin A Deficits are Still Public Health Issues Among Women and Young Children in Northern Benin. The Federation of American Societies for Experimental Biology (FASEB), April 2016, San Diego.
2. Burney J, Alaofè H, Taren D, Naylor R. Use of Dietary Scores for Diet Quality Measurement: Relation with Nutritional Status of Women in Northern Benin. The Federation of American Societies for Experimental Biology (FASEB), April 2016, San Diego.
3. Taren D, Alaofè H, Burney J, Naylor R. Nutritional Status of Children Under Five Years and Associated Factors in Kalalé District, Benin. The Federation of American Societies for Experimental Biology (FASEB), April 2016, San Diego.

4. Alaofè H, Taren D, Burney J, Naylor R. Household food insecurity and its determinants in the Kalalé district of Benin. The Federation of American Societies for Experimental Biology (FASEB), April 2014, San Diego.
5. Alaofè H, Taren D, Burney J, Naylor R. Solar-powered drip irrigation contributes to improved household food production and consumption, and female empowerment in Northern Benin. International Union of Nutritional Science (IUNS) 20th International Congress of Nutrition, September 2013, Grenada, Spain.
6. Alaofè H, Taren D, Burney J, Naylor R. Impact of solar powered irrigation on food security, water security and income in the district of Kalalé of Northern Benin. International Union of Nutritional Science (IUNS) 20th International Congress of Nutrition, September 2013, Grenada, Spain.
7. Alaofè H, Dossa R, Zee J, Turgeon O'Brien H. Can dietary treatment without iron supplementation correct mild iron deficiency anemia in young Beninese adolescent girls? The Africa Nutritional Epidemiology Conference (ANEC), October 2010, Nairobi, Kenya.
8. Alaofè H, Dossa R, Zee J, Turgeon O'Brien H, Impact of socioeconomic and health related factors on the iron status of adolescent girls in southern Benin, The Africa Nutritional Epidemiology Conference (ANEC), October 2008, Cairo, Egypt.
9. Alaofè H, Turgeon O'Brien H, Zee J. Effect of a nutrition education program and diet modification in Beninese adolescent girls suffering from mild iron deficiency anemia. The Federation of American Societies for Experimental Biology (FASEB), April 2008, San Diego, Ca.
10. Alaofè H, Turgeon O'Brien H, Dossa R, Zee J. Iron status and intestinal parasitic infections in adolescent girls from two boarding schools of southern Benin. The Federation of African Nutrition Societies (FANUS), May 2007, Ouarzazate, Morocco.
11. Alaofè H, Turgeon O'Brien H, Zee J. Iron status of adolescent girls from two boarding schools in southern Benin. The Federation of American Societies for Experimental Biology (FASEB), April 2007, Washington, DC.
12. Alaofè H, Turgeon O'Brien H, Zee J. Dietary intake in a group of adolescent girls from Benin. The Federation of American Societies for Experimental Biology (FASEB), April 2006, San Francisco, CA.
13. Alaofè H, Turgeon O'Brien H, Zee J. The relationship between dietary iron intake and indicators of iron status in a group of adolescent girls from Benin. The Federation of American Societies for Experimental Biology (FASEB), April 2005, San Diego, Ca.
14. Alaofè H, Turgeon O'Brien H, Zee J. The relationship between intestinal parasitic infections

and iron status in a group of adolescent girls from Benin. The Federation of American Societies for Experimental Biology (FASEB), April 2005, San Diego, Ca.

SKILLS

COMPUTER SKILLS

Food Databases: **Nutrifiq Software, Nutribase Software, Word Food**

Statistical Analyses: **NCSS, Epi info, SPSS, SAS, STATA, CPro, NVivo**

Software components: zscore06/Stata command for the calculation of **anthropometric Z-scores** using the 2006 WHO child growth standards

References: **Endnote, Reference Manager**

LANGUAGES

English, French (Native)

Good understanding of Yoruba, Fon, Goun, Mina

PROFESSIONAL MEMBERSHIPS

2013-present Member, **American Society for Nutrition**

2005-2008 Member, **African Graduate Nutrition Student Network** (AGSNet)

2003-2008 Member, **Groupe d'études en nutrition publique**, University Laval, Québec, CANADA

REFERENCES

Douglas Taren, PhD
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Health,
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Professor of Nutrition
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