

AARON CHENG

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EDUCATION

- Columbia University Mailman School of Public Health, New York, NY** May 2018
MPH in Epidemiology with a certificate in Applied Biostatistics
- University of British Columbia, Vancouver, Canada** Nov 2014
BSc Food, Nutrition & Health with Honors
Major: International Nutrition
- UBC Student Exchange Program – University of Melbourne, Melbourne, Australia July 2012 – Dec 2012

RESEARCH EXPERIENCE

- ICAP at Columbia University, New York, NY** May 2017 – Aug 2017
Data Analyst Intern, Harlem Prevention Center

- Conducted data monitoring, quality control and quality assurance activities on study case report forms, surveys and source documents for two clinical trials: HVTN 704/HPTN 085 and HPTN 083
- Issued data queries to research staff when data deficiencies were found for timely resolution and to meet protocol requirements
- Analyzed eligibility and screening demographics of potential study participants with SAS to improve future recruitment and enrollment strategies
- Assisted in the preparation of study participant files for a clinical site monitoring visit, where there were no significant deficiencies found in data quality and procedures

- University of British Columbia, Vancouver, Canada** Oct 2014 – Apr 2016
Research Associate, The Micronutrient Project - Department of Food Nutrition and Health

- Developed research tools and protocols for the monitoring and evaluation of Home Fortification Programs with Micronutrient Powders (MNP) in Cameroon, Mali, Rwanda, Zambia and Lao PDR
- Developed the cascade training guide for the training of trainers for the implementation of Home Fortification with MNP for the pilot phases in Cameroon and Uganda
- Edited and formatted reports for submissions, and completed IRB applications for ethics approval

- WFP Maternal and Child Health and Nutrition Program Review, Vientiane, Lao PDR** Oct 2015 – Nov 2015
Research Associate (International In-Country), University of British Columbia

- Conducted an external evaluation to assess the impact of the MCHN Program in three provinces of Lao PDR that WFP was operating in
- Supervised a team of enumerators for in-field data collection and liaised with district healthcare staff
- Conducted quality checks, data entry and cleaning for 850 quantitative surveys with Excel
- Trained 45 enumerators on methods in conducting interviews and anthropometric measurements

- University of British Columbia, Vancouver, Canada** May 2015 – Oct 2015
Research Assistant, Fish on Farms Project

- Developed the qualitative data analysis plan and protocol for the gap analysis being completed with NVivo for the second phase of the project based on findings from the phase one cluster-randomized controlled trial of Homestead Food Production in Cambodia
- Maintained the project's website content, newly published journal articles, project updates and photos on the WordPress platform

Home Fortification with Micronutrient Powders, Kampala, Uganda

May 2014 – Sep 2014

Research Associate (International In-Country), University of British Columbia

- Conducted a 20-Day Acceptability Study for MNP, as a component of formative research for the UN World Food Programme, using quantitative surveys focus groups and key informant interviews
- Supervised two teams of enumerators in Amuria and Kanungu districts for in-field data collection on a baseline, midline and endline questionnaire, and an observational research guide
- Entered, cleaned and analyzed data with SPSS to produce findings for recommendations towards a pilot program for home fortification in Uganda

National Scale-Up of Home Fortification with Micronutrient Powders, Kigali, Rwanda

May 2014 – Sep 2014

Research Associate (International In-Country), University of British Columbia

- Developed the cascade training guide for the training of trainers for all 30 districts in Rwanda
- Conducted inventory and inspected MNP storage sites for further procurement in the rollout of the scale-up program for UNICEF

Tangiraneza 'Start Well' Innovation Child Survival Project (ICSP), Nyamagabe, Rwanda

May 2014 – Sep 2014

Research Associate (International In-Country), University of British Columbia

- Completed the data cleaning and analysis of data for the ICSP's midline evaluation of the programme in Nyamagabe district
- Provided technical guidance on the Nutrition Weeks curriculum and conducted field visits to observe current practices of households and caregivers

University of British Columbia, Vancouver, Canada

Sep 2013 – Dec 2013

Research Assistant, Department of Food Nutrition and Health

- Developed course materials on Principles of Nutrition, Malnutrition, and Prevention and Treatment of Malnutrition to be implemented by the WHO in Lao PDR as a course for healthcare workers
- Conducted literature searches to integrate Lao culture to produce relevant and culturally appropriate training materials

TEACHING EXPERIENCE**Columbia University, New York, NY**

Aug 2017 – present

Lead Teaching Assistant – Research Methods & Applications, Mailman School of Public Health

- Managing a team of 20 teaching assistants for the Quantitative Foundations module, a course that combines epidemiology and biostatistics concepts for first year MPH students (n=399 students)
- Liaising and managing communications between students, teaching assistants, staff and faculty on the delivery of course objectives and assessments
- Developing and maintaining materials on course websites for each of the four cohorts using the Canvas platform

University of British Columbia, Vancouver, Canada

Jan 2015 – Apr 2016

Teaching Assistant, Faculty of Land & Food Systems

- Appointed to teaching assistantships for 2015 and 2016 Winter semesters in FNH 355 – International Nutrition (n=265 students) and FNH 455 – Applied International Nutrition (n=40 students)
- Invigilated and graded student examinations with post-exam viewing sessions for pedagogical purposes
- Maintained the content on the course webpages through Blackboard and responded to student inquiries about course logistics, content and grades
- Created and facilitated lab sessions for FNH 455 for students to integrate lecture material with current nutrition interventions across the world

University of British Columbia, Vancouver, Canada

Oct 2014 – Apr 2016

International Nutrition Program Coordinator & Course Coordinator - FNH 460 International Nutrition Field Studies

- Evaluated the country specific situation analysis reports that students complete prior to their field placement to ensure they are adequately prepared for placements
- Facilitated sessions with students before, during and after their placement to synthesize the overall experience of working abroad in a service learning context
- Coordinated with in-field supervisors on students' progress during placements to ensure that progress and requirements were being completed to satisfactory levels

OTHER ACTIVITIES**UBC Wellness Centre, Vancouver, Canada**

Apr 2010 – Apr 2014

Wellness Peer Educator, UBC Student Health Services

- Promoted health and wellness issues on campus through Wellness Fairs, workshops and outreach activities, Sexual Health Team Leader for 2011-12
- Interviewed and filmed segments for Student Health 101, an online publication for improving student health and mental well-being at universities across North America

Vancouver Coastal Health Authority, Vancouver, Canada

Jun 2011 – Dec 2011

Seek and Treat for Optimal Prevention of (STOP) HIV/AIDS Committee Member, UBC Student Health Services

- Involved in the planning and execution of a rapid HIV testing pilot program on the UBC campus to promote health literacy and the importance of knowing about one's HIV status
- Engaged members of the UBC community in open dialogue about sexual health

TECHNICAL REPORTS

Ali F, **Cheng A**, McLean J. *Consultation en Sante – Nutrition sur l'utilisation des poudres de micronutriments – 25-Day Acceptability and Package Design Report*. UNICEF Burundi. (2015)

Cheng A, Smith LE, McLean JA, Foley J. *Development of a Home Fortification Programme for Young Children in Uganda with Micronutrient Powders –20-Day Acceptability and Package Design Report*. UN World Food Programme Uganda. (2014)

SKILLS AND CERTIFICATIONS

Computer: Microsoft Word, Excel, PowerPoint, Access, SPSS, NVivo, STATA, SAS, R (Fall 2017)

Languages: Fluent in Cantonese, Basic fluency in French

Certifications: HIPAA, CITI Human Subjects