

# **Ebo Budu-Amoako, PhD**

## **Senior Food Microbiologist/Laboratory Manager, BIO|FOOD|TECH**

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### Responsibilities:

- Responsible for supervision and provision of technical backstopping to BioFoodTech food analytical laboratory personnel, food scientist and food industry personnel in matters related to food safety and standards.

### Professional and Technical Background:

- Developing, organizing and conducting training courses, seminars and workshops related to improved food safety, quality control and consumer protection to the food industry.
- Designing and implementing food safety and quality management programs such as HACCP and ISO 9001:2008 in the centre and the food industry.
- Designing, implementing and managing laboratory quality assurance program to ISO/IEC 17025 standards (General requirements for the Competence of Calibration and Testing Laboratories).
- Execution of food safety projects, preparing technical documentation and papers for discussion and/or publication.
- Assisting developing countries in food safety and institutional capacity building. Conducted international consulting contracts: in Fiji, St. Kitts/Nevis, Jamaica and the Bahamas.
- Responsible for the establishment and/or capacity enhancement of the food control systems in most Caribbean countries, enabling them to fulfill treaty obligations regarding food safety.

### University Education:

- PhD Molecular Epidemiology, University of Prince Edward Island
- MSc Microbiology, University of Calgary, Alberta
- BSc (Honours) Biological Sciences, University of Sciences & Technology, Ghana

### Previous Employment:

- Standards Officer/Technical Secretary/ Microbiologist: - Ghana Standards Board, Accra, Ghana. Collected available data from foreign, regional and international standards as basis for developing National standards; monitored for compliance to relevant regulatory standards in the food and pharmaceutical industries and acted as Government consultant for elaboration and interpretation of specifications and standards in the food and pharmaceutical industry.

### Professional and Committee Memberships:

- Canadian Society of Microbiologists
- American Society of Microbiology
- Canadian Institute of Food Science and Technology

#### Selected Publications:

- Budu-Amoako, E., Ablett, R.F. and Joanne, H., Delves Broughton, J. (1998). "Combined Effect of Nisin and Moderate Heat on Destruction of *Listeria monocytogenes* in "Cold-Pack" Lobster Meat. *Journal of Food Protection* Vol. 62 (1) 46-50.
- Toora, S.; E. Budu-Amoako; R.F. Ablett and J. Smith (1994). "Evaluation of different antimicrobial agents used as Selective Supplements for isolation and recovery of *Yersinia enterocolitica*". *Journal of Applied Bacteriology*. Vol. 77. 67-72.
- Budu-Amoako, E.; Toora, S.; R.F. Ablett and J. Smith (1993). "Competitive Growth of *Listeria monocytogenes* and *Yersinia enterocolitica* in milk". *Journal of Food Protection*. Vol. 56 (6), 528-532.
- Budu-Amoako, E.; Toora, S.; Walton, C.; Ablett, R.F. and Smith, J. (1992). "Thermal Death Times for *Listeria monocytogenes* in Lobster Meat." *Journal of Food Protection*. Vol 55 (3), 211-213.
- \*Budu-Amoako, E., Greenwood SJ, Barkema HW, Dixon B, and McClure JT. Foodborne illness by *Cryptosporidium* and *Giardia* from livestock: A Review (2011). *Journal of Food Protection* Vol. 74 (11), 1944-1955
- \*Budu-Amoako, E., Greenwood SJ, Barkema HW, Dixon B, and McClure JT (2012). *Giardia* and *Cryptosporidium* on dairy farms and the role these farms may play in contaminating source water in Prince Edward Island.. *Journal of Veterinary Internal Medicine*. Vol 26, 668-673
- \*Budu-Amoako, E., Greenwood SJ, Barkema HW, Dixon B, and McClure JT. (2012). *Giardia* and *Cryptosporidium* on beef farms and the role these farms may play in contaminating source water in Prince Edward Island. *Veterinary Parasitology*. Vol 184, 1-9.
- \*Budu-Amoako, E., Greenwood SJ, Barkema HW, Dixon B, and McClure JT. (2012). Molecular characterization of *Giardia* and *Cryptosporidium* in pigs on Prince Edward Island, Canada. *Veterinary Parasitology*. Vol 184, 18-24.
- \*Budu-Amoako, E., Greenwood SJ, Barkema HW, Dixon B, and McClure JT. (2012). Prevalence and molecular characterization of *Cryptosporidium* and *Giardia* in humans on Prince Edward Island, Canada. *Zoonoses and Public Health*. Vol. 59, 424-433

#### Languages:

- English (excellent)
- Spanish (fair)