Vision and Mission for the Contaminants Community

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Strategic issues facing the Community and the industries that align with Community goals

1. The adulteration of global commodities with non approved pesticides, illegal drugs, unknown contaminants is a continuing cause for concern for regulatory authorities and knowledgeable consumers.
2. New advances in analytical instrumentation provide remarkable tools for discovery of non-targeted chemicals in food, but the cost of purchase and continuing support may put this technology out of reach of many food companies and private laboratories.
3. The modernization of methods for drug residues in meat and other animal products and the global acceptance of these methods requires the continuing attention and resources of this community.
4. Stakeholders needs for rapid field methods for contaminants requires special skills and membership that needs to be developed within the Community.
5. The reality of global commerce of agricultural products has necessitated a forum on aligning global analytical methodologies for residue chemistry, particularly those in North America, Europe and China. Since the constituency of the Community has representatives from all these regions, we have the resources for continuing method review and exchange.

Desire to serve as Community Chair

AOAC has become a vibrant and relevant scientific organization under the recent direction of its many excellent leaders. As with any change in leadership, the community would be served well to reassess our goals: (1) does the community structural model and financial structure and serve the industry stakeholders it serves? (2) do the global members feel relevant to the mission and how do we use their talents to further the goals of the community (3) what immediate issues are present in the industries we serve and what investments or strategies do we need to meet these challenges.

I believe that my association with this community as a volunteer and leader, a business owner and technical director of a leading analytical firm which serves the very industries
we are aligned with, and my ties with leading international laboratories in the contaminant testing business uniquely qualify me for the position.

**Defining a successful Community**

A successful Community is one whose leaders are representative of the membership. Community chairs should be sensitive to the needs of its members and stakeholders and strong advocates of Community goals and policies. Community leaders should welcome differing viewpoints and experiences of its members. Community leaders must welcome teamwork as a necessary means to achieving its many goals. A successful Community should have the determination to keep projects moving and executing in a timely manner, and communicate with the industries it serves.

**AOAC Candidate Biographical Information**

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- Career Analytical Chemist with 33 years experience in analysis of a broad variety of food, agricultural products, dietary supplements, feed ingredients, minerals, soil, water, and marine tissue samples. Responsibilities have included business development, analytical laboratory operations and research support, cost control, global laboratory design and construction, quality assurance systems, LIMS design, and oversight of numerous analytical method development projects.

- Experienced in modern techniques of atomic spectroscopy, high pressure liquid chromatography, gas chromatography, mass spectrometry. Over 20 years experience in contaminant residue chemistry of pesticides, metals, veterinary drug residues, and mycotoxins. Extensively experienced with USFDA, USDA, EU, CFIA, and Japan MHLW sampling and testing protocols for trace contaminants and adulterants in food, meat and seafood, feed and agricultural commodities.

**Career History**

Eurofins Central Analytical Laboratories, Inc.  
1993 to Present  
President and Laboratory Director
Developed business growth and commercial realization of company goals as it relates to all forms of the food analytical business. Responsible for growth of Central Analytical Laboratories from a regional food laboratory into a recognized leader in global laboratory markets. Achieved revenue growth rate of > 900% over 17 years of leadership, much in serving the food and feed industries for contaminants testing.

Managed the development of cutting edge methodology for the analysis of food products, including agricultural produce and field crops, ingredients, biotechnology, nutraceuticals and dietary supplements, and finished food products.

Managed chemical and microbiological services provided by Central Analytical Laboratories, Inc. Daily supervision of all aspects of customer service, laboratory operation, development of new test products.

Managed analytical services provided to Freeport McMoRan operating properties, especially with regard to environmental projects, sulphur quality control, and IMC production units. Provided direct technical and managerial assistance to FMI in-house laboratories. Directly responsible for the planning, design, startup and initial operation of the Environmental Laboratory of Freeport Indonesia, in Timika, Irian Jaya.

**Freeport McMoRan Research & Engineering Co.**
1978 - 1993
Supervisor of Research Analytical Services

Supervision of analysis of air, water, and sediment samples from FMI's world-wide operations. Development and peer review of new analytical methods.

Supervision of analysis of samples from sulphur division, metallurgical process development, chemical process development, and environmental departments.

Assisted in the startup and initial training and operation of new Analytical Laboratories at Freeport Gold Company, Elko Nevada and the Sulphur mine in the Georgian Republic of the USSR.

Supervision of method development for the analysis of metal and mineral ores and concentrates, sulphur, water, soil, and seawater. Used AA, ICP, UV-Vis, IR, IC, HPLC, GC.

**Formal Education**

College  
University of New Orleans 1972-1976  
B.S. Chemistry

Graduate School  
University of New Orleans 1981-1982  
Courses:  
Advanced Chemical Analysis  
Advanced Comp. Inorganic Chemistry  
Organometallic Chemistry  
Advanced Instrumental Analysis
Active Memberships

Association of Official Analytical Chemists
American Oil Chemists Society
American Association of Cereal Chemists
American Fats and Oils Association
Grain and Feed Trade Association (GAFTA)
Federation of Oils, Seeds, and Fats Associations (FOSFA)
National Grain and Feed Association
The Institute of Food Technologists
U.S. Grains Council

Professional and Leadership Activities
Chair, IFT-GCS Scholarship Committee, 1999-2005

Chair, AOAC Veterinary Drugs Subgroup, Contaminants Community, 2007-2010

AOAC Community Volunteer of the year 2010

Session Co-Chair, AOAC Meeting 2010, “BP Oil Spill: Government Impact Assessment, Food Safety Issues, the Analytical Challenges and Method Development”

Session Co-Chair, AOAC Meeting 2011, “Modern Analytical Techniques used in Evaluating the Concentration of Trace Metals in Foods and Dietary Supplements”

Co-Chair, IFT 2011 Workshop “Evaluating the Safety of Gulf Seafood”

Presentations

Agilent 2011 “Practical Techniques for Optimizing Application Parameters on your GC and GC/MS systems”

AOAC 2010 “Petroleum Contaminants in Seafood, Methods and Analytical Strategy”

AOAC 2009 “The Use of Internal Standards for LC-MSMS Applications in Food Testing”


Chair and Presenter - IFT 2008 Workshop “Analytical Methods for the Determination of Chemical Residues in Seafood”

Numerous poster sessions and client presentations on the topics of contaminants in foods and agricultural commodities.