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997th Conference

Scientific Program



2nd International Conference on

Food Security and Sustainability

June 26-27, 2017 San Diego, USA

Day 1 | June 26, 2017

9:00-9:45 Registration

North Park

conferenceseries.com **9:45-10:10** **Opening Ceremony**

Keynote Forum

10:10-10:15 **Introduction**

10:15-10:50 **Title: Global food security is in jeopardy in the coming years partly because of over-regulation and misinformation to consumers**
Richard E Goodman, University of Nebraska, USA

Group Photo

Networking and Refreshments Break 10:50-11:05 @ Cortez Foyer

11:05-11:40 **Title: Spirulina *(Arthrospira platensis)* as food: A commodity to better feed the world**
Brian C Hampson, California Polytechnic State University, USA

11:40-12:15 **Title: Progress in feeding the earth if there is a global agricultural catastrophe**
David Denkenberger, Tennessee State University and Global Catastrophic Risk Institute, USA

Symposium

12:15-12:40 **Title: Advanced green manufacture technology for processed meats**
Zengqi Peng , Nanjing Agricultural University, China

12:40-13:05 **Title: Application of GMT in traditional meat processing—Non-grilling and non-smoking**
Luqi Wei , Nanjing Agricultural University, China

Lunch Break 13:05-14:00 @ Kensington Veranda

14:00-14:25 **Title: Application of GMT in traditional meat processing—Non-frying and non-braising.**
Yao Yao , Jiangxi Agricultural University, China

Oral Session 1

Food Security and its Nutritional Impact | Effects of Environmental Stress on Food Security | Global Food Security: Ethics, Policies and Role of Governing Body | Community Development for Food Security: Economic and Social Status | Food Security and Risk Assessment | Food Security and Sustainable Development | Food Security and Agricultural Revolution

Session Chair : Christopher Bryant, University of Montreal, Canada
Session Co-chair: Steven Worth, University of KwaZulu-Natal, South Africa

14:25-14:50 **Title: The challenges of periurban farmland in developed and developing countries for food security: The new realities of climate change and variability**
Christopher Bryant, University of Montreal, Canada

14:50-15:15 **Title: Standoff Raman detection of economically motivated adulteration in food**
Anup Sharma, Alabama A&M University, USA

15:15-15:40 **Title: Rice microbial community responses to drying by 915 MHz industrial**
Griffiths G Atungulu, The University of Arkansas, USA

Cosmetology 2016

15:40-16:05 **Title: Production of basic seed yam tubers using vine cuttings from Aeroponics**

Norbert Maroya, International Institute of Tropical Agriculture, Nigeria

16:20-16:45 **Title: The analysis of aflatoxin levels in corn obtained from South Carolina farms**

James Stukes, South Carolina State University, USA

Networking and Refreshments Break 10:40-11:00 @ Cortez Foyer

16:45-17:05 **Title: The elusive search for sustainable food security**

Steven Worth, University of KwaZulu-Natal, South Africa

17:05-17:30 **Title: Progress in enhancing yam productivity in West Africa through sustainable availability of high quality seed**

Beatrice Anim Aighewi, International Institute of Tropical Agriculture, Nigeria

Panel Discussion

Session Adjournment

Day 2 | June 27, 2017

North Park

Keynote Forum

10:00-10:05 **Introduction**

10:05-10:40 **Title: The patenting of life, limiting liberty, and the corporate pursuit of seeds**

Ali M Nizamuddin, University of Illinois, USA

Networking and Refreshments Break 10:40-11:10 @ Cortez Foyer

11:00-11:35 **Title: The global nutrition transition & climate change in the Philippines: A double burden phenomenon**

Francis R Samonte, University of the Philippines, Philippines

Workshop

11:35-12:20 **Title: Using strategic development planning for agriculture to advance food security in agricultural territories in and around cities**

Christopher Bryant, University of Montreal, Canada

Special Session

12:20-13:05 **Title: Rice conditioning and processing to achieve safe storage and shipping conditions**

Griffiths G Atungulu, University of Arkansas, USA

Lunch Break 13:05-14:05 @ Kensington Veranda

Young Researcher Forum

Session Judge: Brian C. Hampson, California Polytechnic State University, USA

14:05-14:25 **Title: Spatiotemporal twitter analysis of the Venezuelan food crisis**

Laura Kahn, Indiana University, USA

14:25-14:45 **Title: Climate change perception and farmer attitude to adaptation: An empirical study of socio-cognitive predictors of adaptive behavior in two communities in Northern Nigeria**

Nugun Patrick Jellason, Royal Agricultural University, UK

14:45-15:05 **Title: Maintaining the taste component in chub mackerel**

Hiroko Seki, Tokyo University of Marine Science and Technology, Japan

15:05-15:25	**Title: Effect of post-harvest drying temperature on bioactive compounds and antioxidant properties of sweet potato** **Fessehaye Hdremariam Desale,** Mae Fah Luang University, Thailand
15:25-15:45	**Title: Coping with household food insecurity during the lean season; Strategies employed by smallholder farmers in navrongo within the guinea savanna zone of ghana** **Samuel Amakye,** University of Bergen, Norway
15:45-16:05	**Title: Food Security Challenges in Ghana.** **Rejoice Wabiyaa Akuyo Ayifli,** Ministry of Food and Agriculture, Ghana
Networking and Refreshments Break 16:05-16:20 @ Cortez Foyer	
Poster Session @ 16:20-17:00	
Session Judge: James Stukes, S C State University, USA	
FSS 01	**Title: Utilizing egg shell powder to inactivate bacteria on the surface of fresh produce and shell eggs** **Chih-Yao Hou,** National Kaohsiung Marine University, Taiwan
FSS 02	**Title: Food security and poverty reduction – The case for aquaculture development** **Benjamin Drakeford,** University of Portsmouth, UK
FSS 03	**Title: Emerging technologies for food security** **Morufat Balugan,** International Institute of Tropical Agriculture, Nigeria
FSS 04	**Title: Food security and agricultural revolution** **Thembani Nxumalo,** University of KwaZulu-Natal, South Africa
Panel Discussion	
Award Ceremony	
Conference Adjournment	

