



# **SCIENCE FORUM 2013**

## **NUTRITION AND HEALTH OUTCOMES: TARGETS FOR AGRICULTURAL RESEARCH**

**BONN, GERMANY 23-25 SEPTEMBER 2013**



Independent Science  
and Partnership  
Council

**BMZ**



Federal Ministry  
for Economic Cooperation  
and Development

## DAY 1 – Monday 23 September

### THEME OF THE DAY:

Where are we now in terms of evidence?  
What do we know and what do we need to know?

8:00 – 8:30 Registration Opens

8:30 Knowledge Share Fair Opens

9:00 – 10:00 Coffee & Tea Break

10:00 – 10:45 Opening Plenary Session

#### Welcome and Opening Remarks

**Chair:** Maggie Gill, ISPC Council Member and Science Forum 2013 Chair

**Speakers:** Ken Cassman, ISPC Chair; Ingolf Dietrich, Federal Ministry for Economic Cooperation & Development (BMZ)

[Links to nutrition meetings/initiatives](#)

Rajul Pandya-Lorch, International Food Policy Research Institute (IFPRI)

10:45 – 12:15 Keynote Plenary Session

What do we know about the nutrition and health outcomes of agriculture?

**Chair:** Joachim Von Braun, University of Bonn, Germany

#### KEYNOTE LECTURE

Agriculture and Nutrition: What do we know now, and what do we still need to know?

**Keynote Speaker:** Patrick Webb, Friedman School of Nutrition Science and Policy, Tufts University, USA

**Respondent:** Lindsay Allen, United States Department of Agriculture (USDA)

**Respondent:** Chizuru Nishida, World Health Organization (WHO)

12:15 – 13:30 Lunch and visit to Knowledge Share Fair

13:30 – 16:30 Breakout Sessions (*Coffee Break at 15:00*)

#### BREAKOUT SESSION 1: UNDER-NUTRITION

What evidence do we have, what do we need to have and how do we get it, in relation to under-nutrition (stunting and micronutrients) and what that means for agricultural research programs?

**Coordinator:** Suneetha Kadiyala, Leverhulme Centre for Integrative Research in Agriculture and Health (LCIRAH) and London School of Hygiene and Tropical Medicine (LSHTM), University of London, UK

**Speakers:** Anna Herforth, Independent consultant, USA; Lynn Brown, World Bank; Alan Dangour, London School of Hygiene & Tropical Medicine, UK; Derek Headey, IFPRI

**Panelists:** Matin Qaim, University of Göttingen, Germany; Prabhu Pingali, Cornell University, USA; Jemimah Njuki, CARE



### DAY 1 – Monday 23 September

#### 13:30 – 16:30 Breakout Sessions *(Coffee Break at 15:00)*

##### BREAKOUT SESSION 2: NON-COMMUNICABLE DISEASES

What evidence do we have, what we need to have and how do we get it, in relation to non-communicable diseases and what that means for agricultural research?

**Coordinator:** K. Srinath Reddy, World Heart Federation

**Speakers:** Corinna Hawkes, World Cancer Research Fund International; Jaap Siedall, University of Amsterdam, Netherlands; Chizuru Nishida, WHO; Walter Willett, Harvard University, USA

##### BREAKOUT SESSION 3: DIET DIVERSIFICATION

Agricultural approaches to making diets more diverse: what do they contribute to the consumption of a balanced diet by women and children?

**Coordinator:** Robert Mwadime, USAID Community Connector Project, Uganda

**Speakers:** Edmond Dounias, IRD, France & CIFOR; Howarth Bouis, IFPRI; Inge Brouwer, Wageningen University, Netherlands; Alida Melse-Boonstra, Wageningen University, Netherlands; Shakuntala Thilsted, WorldFish; Amy Ickowitz, CIFOR; Céline Termote, Bioversity International

##### BREAKOUT SESSION 4: FOOD SAFETY

Research to support agricultural approaches to enhancing food safety along value chains.

**Coordinator:** Delia Grace, International Livestock Research Institute (ILRI)

**Speakers:** Peter Cotty, University of Arizona, USA; Fen Beed, IITA; Hari D Upadhyaya, ICRISAT; Moses Osiru, ICRISAT; George Mahuku, CIMMYT

**Panelists:** Laurian Unnevehr, IFPRI; Thomas Randolph, CGIAR Research programme on Livestock and Fish; Wycliffe Kumwenda, National Smallholder Farmers' Association of Malawi, Malawi; Mweshi Mukanga, Ministry of Agriculture, Zambia

##### BREAKOUT SESSION 5: POLICY AND INSTITUTIONAL APPROACHES

Policy and institutional approaches in nutrition-sensitive agriculture.

**Coordinator:** Bhavani Shankar, Leverhulme Centre for Integrative Research on Agriculture and Health (LCIRAH), and School of Oriental and African Studies, University of London, UK

**Speakers:** Linda Fulponi, OECD (Chair); Stuart Gillespie, IFPRI; S. Chandasekhar, Indira Gandhi Institute of Development Research, India; Jody Harris, IFPRI & LCIRAH; Patrick Webb, Tufts University, USA

#### 16:45 – 18:15 Plenary Session

Gender and Nutrition:

**Chair:** Rajul Pandya-Lorch, International Food Policy Research Institute (IFPRI)

##### MAIN PRESENTATION

Gender equality and women's empowerment in agricultural programs for improved nutritional outcomes

Jemimah Njuki, CARE

**Case Studies:** Nozomi Kwarazuka, University of East Anglia; Bader Mahaman, Action contre la Faim; **Commentator:** Esi Colecraft, University of Ghana

#### 19:00 Conference dinner hosted by BMZ

Alexander Koenig (ZFMK) Museum (featuring photo exhibit on "What the World Eats")

### DAY 2 – Tuesday 24 September

#### THEME OF THE DAY:

How do we evaluate what is working and how do we use this knowledge to inform future investments?

#### 8:30 – 10:00 Plenary Session

Evaluating nutrition and health outcomes

**Chair:** Corinna Hawkes, World Cancer Research Fund International

#### MAIN PRESENTATION

How to evaluate nutrition and health impacts of agricultural innovations

**Matin Qaim**, University of Gottingen, Germany

**Respondent:** Linxiu Zhang, Chinese Academy of Sciences

**Case Study:** Shibani Ghosh, Tufts University, USA

#### 10:00 – 10:30 Coffee & Tea Break

#### 10:30 – 12:00 Breakout Sessions 1-5 (from previous day)

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#### 12:00 – 13:15 Lunch and visit to Knowledge Share Fair

#### 13:15 – 14:00 Plenary / Reporting back from breakout sessions 1-5

**Chair:** Jeff Waage, London International Development Center, UK

#### 14:15 – 17:00 Breakout Sessions 6-10 (see below for topics)

##### BREAKOUT SESSION 6: SCIENCE, TECHNOLOGY AND PARTNERSHIPS

A dialogue on partnership models, examples and practices for sustainably improved agriculture and nutrition.

**Coordinator:** Andreas Blüthner, BASF/University of Mannheim, Germany

**Speakers:** Christopher Roth, MAEVA Group, Mozambique; Albert Tschamdja, Food Industry and Fortification Expert, Togo; Hans-K. Biesalski, University of Hohenheim, Germany; Bonnie McClafferty, GAIN; Florian Schweigert, BioAnalyt/University of Potsdam, Germany

##### BREAKOUT SESSION 7: FACILITATING RESEARCH UPTAKE

Moving the message beyond research and highlighting the importance of considering the empowerment of decision-making within households.

**Coordinator:** Myriam Ait-Aissa, Action Contre la Faim

**Speakers:** Christine Okali, Institute of Development Studies, UK; Jennifer Nielsen, HKI; Stuart Gillespie, IFPRI

##### BREAKOUT SESSION 8: VALUE CHAINS

Leveraging value chains for better nutrition and food safety: lessons for CGIAR research. To enhance our insights in the applicability of value chain concepts, methodologies and tools in nutrition and health related CGIAR research projects.

**Coordinator:** Jacques Trienekens, Wageningen University, Netherlands

**Speakers:** Jason Donovan, ICRAF; Laurian Unnevehr, IFPRI; Alan de Brauw, IFPRI; Delia Grace, ILRI

## DAY 2 – Tuesday 24 September

### 14:15 – 17:00 Breakout Sessions 6-10 (see below for topics)

#### **BREAKOUT SESSION 9: FARM SIZE, URBANIZATION AND THE LINKS FROM AGRICULTURE TO NUTRITION AND HEALTH**

How current trends in farm size and urbanization affect the links between local agriculture, human nutrition and health in Africa and Asia, to identify how agricultural research could become increasingly tailored to the specific needs of particular locations.

**Coordinator:** William Masters, Tufts University, USA

**Speakers:** John McDermott, CGIAR research program on Agriculture for Nutrition and Health (Chair); Agnes Andersson Djurfeldt, Lund University, Sweden; Doug Gollin, ISPC Council Member; Ken Giller, Wageningen University, Netherlands

#### **BREAKOUT SESSION 10: ECONOMIC IMPLICATIONS**

Analysis of economic implications of shifting investments in the primary production to better meet healthy dietary needs.

**Coordinator:** Linda Fulponi, Organisation for Economic Co-operation and Development (OECD), and Yurie Tanimichi-Hoberg, World Bank

**Speakers:** Benoy Barman, WorldFish; Victor Afari-Sefa, AVRDC; Ugo Pica-Ciamarra, FAO; Thomas Randolph, CGIAR research program on Livestock and Fish

### 17:15-18:00 Plenary: reporting back from breakout sessions 6-10

**Chair:** Marlene Diekmann, Deutsche Gesellschaft fuer Internationale Zusammenarbeit GmbH, Germany

### 19:00 Reception hosted by City of Bonn

## DAY 3 – Wednesday 25 September

### THEME OF THE DAY:

What do we need to do now and how are we going to do it?

#### 9:00 – 11:00 Plenary Session

Regional perspectives on nutrition and health outcomes

**Chair:** Kevin Cleaver, International Fund for Agricultural Development (IFAD)

**Main Speaker 1:** Lawrence Haddad, Institute of Development Studies, USA

What needs to happen for agriculture to have a bigger impact on nutrition?

**Main Speaker 2:** Prabhu Pingali, Cornell University, USA

Agricultural pathways to improved nutrition: getting policies right

**Case Studies:** Frederick Grant, Helen Keller International; Katherine Gray-Donald, McGill University, Canada

#### 11:00 – 11:30 Coffee & Tea Break

#### 11:30 – 12:45 Plenary: The Way Forward

What is the way forward, new research and innovative approaches for impact

**Chair:** Matthew Keyes, European Commission

#### PANEL DISCUSSION

**Panelists:** John McDermott, CGIAR research program on Agriculture for Nutrition and Health; Frank Rijsberman, CGIAR Consortium; Stefan Schmitz, Federal Ministry for Economic Cooperation & Development (BMZ), Germany

#### CLOSING REMARKS:

**Speakers:** Ken Cassman, ISPC Chair

#### 12:45 – 14:00 Lunch and visit to Knowledge Share Fair

#### 14:00 – 17:00 Plenary Session

Early Career Scientists - Exploring Opportunities

**Chair:** Maggie Gill, ISPC Council Member and Science Forum 2013 Chair

Open to all participants

**Panelists:** Linley Chiwona Karltun, Swedish University of Agricultural Sciences, Sweden; Prabhu Pingali, Cornell University, USA; Jemimah Njuki, CARE; Patrick Webb, Tufts University, USA; Robert Mwadime, USAID Community Connector Project, Uganda; Simone Kriesemer, University of Hohenheim, Germany