



UNIVERSITY OF
HOHENHEIM



SOCIETY OF NUTRITION
AND FOOD SCIENCE

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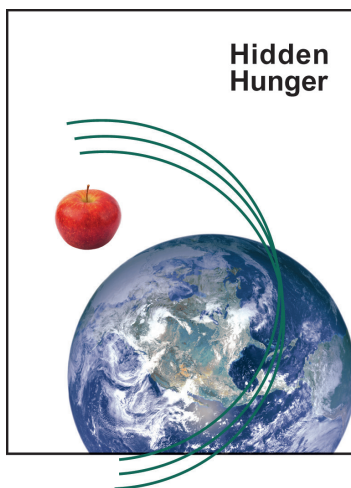


Deutsche Gesellschaft
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Hidden
Hunger

5th International Congress

Hidden Hunger

Improving food and nutrition security through school feeding

September 4-6, 2023 | Stuttgart, Germany



www.hidden-hunger.de

DAY 1 – MONDAY, SEPTEMBER 4, 2023 – PROGRAM

Venue: University of Hohenheim

WELCOME AND OPENING

Chair: Ulrike Arens-Azevedo (Hamburg University of Applied Sciences, Germany) Room: Audimax

11:30-11:50 am Introduction speech by Ulrike Arens-Azevedo (Hamburg University of Applied Sciences, Germany) and Hans K. Biesalski (University of Hohenheim, Germany)

11:50-12:00 pm Opening speech by Stephan Dabbert (President, University of Hohenheim)

12:00-12:10 pm Welcome speech from Anke Oppermann (Director, Directorate 12, Federal Ministry for Economic Cooperation and Development (BMZ))

12:10-12:20 pm Welcome speech from Margareta Büning-Fesel (President, Federal Office of Agriculture and Food (BLE))

OPENING SESSION

Chair: Hans K. Biesalski (University of Hohenheim, Germany) Room: Audimax

12:20-12:50 pm Zulfiqar Bhutta (Center for Global Child Health, Canada): Complex crises, food insecurity and children globally: challenges and opportunities

12:50-01:20 pm Elliot Berry (Hebrew University-Hadassah Medical School, Israel): Plenty, pandemics and poverty: the fight against obesity and food insecurity

01:20-02:20 pm **LUNCH BREAK**

TOPIC 1A: SCHOOL FEEDING PROGRAMS IN DIFFERENT COUNTRIES

Chair: Ulrike Arens-Azevedo (Hamburg University of Applied Sciences, Germany) Room: Audimax

02:20-02:50 pm Israel Souza (Federal University of Rio de Janeiro, Brazil): Food insecurity and national school feeding program in Brazil

02:50-03:20 pm Alan Jackson (University of Southampton, UK): Widening Access and Ensuring Sustainability

03:20-03:50 pm **COFFEE BREAK**

03:50-04:20 pm Craig Gundersen (Baylor University, USA): The Role of school meal programs in alleviating food insecurity in the United States during times of economic upheaval

04:20-05:10 pm **POSTER SESSION** Location: Foyer of the Bio building

Chair: Alexander Montoya Arroyo (University of Hohenheim, Germany)

TOPIC 1B: NATIONAL SCHOOL MEAL PROGRAMS, POLICY AND LEGAL FRAMEWORK

Chair: Elliot Berry (Hebrew University-Hadassah Medical School, Israel) and Aron Troen (The Hebrew University of Jerusalem, Israel) Room: Audimax

05:10-05:40 pm Stéphane Verguet (Harvard T.H. Chan School of Public Health, USA): Economic Value of School feeding programmes

05:40-06:10 pm Coudra Nijembazi (Deutsche Welthungerhilfe e.V., Germany/Burundi): The School canteen progress in Burundi: from emergency interventions to development programmes

06:10-06:25 pm Catherine Nansubuga (Health Community Development Initiatives, Uganda): Evaluating the learning and health outcomes impacted by school feeding programmes among children and youth in Eastern Uganda

06:25-06:40 pm Shivani Garge (International Institute for Population Sciences, India): The effect of Mid-day Meal Programme on the longitudinal physical growth from childhood to adolescence in India

PARALLEL SESSION ORGANIZED BY THE DEUTSCHE GESELLSCHAFT FÜR INTERNATIONALE ZUSAMMENARBEIT (GIZ) GMBH:

SCHOOL MEALS AS A LEVER FOR TRANSFORMATION OF AGRICULTURAL AND FOOD SYSTEMS

Chair: Tina Koch (GIZ, Germany) Room: B2

05:10-06:40 pm PANEL DISCUSSION on how different approaches of school meals' programmes can lever the transformation of agricultural and food systems.

Panelists:

- Catherine Mfitlodze (World Food Programme (WFP), Ethiopia)
- Jens Kahle (GIZ, Germany)
- Sowrya Kilaru (Large Scale Food Fortification Initiative, Global Alliance for Improved Nutrition (GAIN), The Netherlands)
- Bella Monse (GIZ, Germany)
- Tatjana Mauthofer (Mainlevel Consulting AG, Germany)

DAY 2 – TUESDAY, SEPTEMBER 5, 2023 – PROGRAM

Venue: University of Hohenheim

08:45-09:00 am Ulrike Arens-Azevedo (Hamburg University of Applied Sciences, Germany): Introduction to day 2 Room: Audimax

TOPIC 1C: IMPACT OF SUSTAINABLE AND HEALTH-PROMOTING DAYCARE AND SCHOOL CATERING (PERSPECTIVE: HEALTH)

Chair: Jan Frank (University of Hohenheim, SNFS e.V., Germany) Room: Audimax

09:00-09:30 am [Connected via video conference]: Shane Norris (University of Southampton, UK): Nutrition in adolescent growth and development

09:30-10:00 am Christel Larsson (University of Gothenburg, Sweden): The potential of a free school meal for everyone

10:00-10:30 am Matthew Dearborn (World Food Programme (WFP), Italy): The State of School Feeding world wide

10:30-11:00 am **COFFEE BREAK**

TOPIC 2: SCHOOL MEALS AND THE SCHOOL FOOD ENVIRONMENTS

Chair: Donatus Nohr (University of Hohenheim, Germany) Room: Audimax

11:00-11:30 am Alphonse Ngicho (Deutsche Welthungerhilfe e.V., Germany/South Sudan): Contribution to nutrition transformation by schools – A case of South Sudan

11:30-11:50 am Aron Troen (The Hebrew University of Jerusalem, Israel): Universal themes and unique challenges over two decades of school nutrition in Israel

11:50-12:05 pm Faick Moctar Yanausse Bello (University of Abomey-Calavi, Benin): Towards adequate food environment in Benin Public Primary Schools, the challenge of food supply and hygiene practices. The case of three municipalities

12:05-12:20 pm Sakina Isa Nalubega (Health and Care for Future Foundation, Uganda): Examining the contribution of a school feeding programme to improving inclusive, equitable and quality learning environments in the four refugee settlements in Adjumani District

12:20-01:00 pm **POSTER SESSION** Location: Foyer of the Bio building

Chair: Wolfgang Stütz (University of Hohenheim, Germany)

01:00-02:00 pm **LUNCH BREAK**



PARALLEL SESSION ORGANIZED BY THE SIGHT AND LIFE FOUNDATION:

REALIZING THE POTENTIAL OF THE SCHOOL ENVIRONMENT TO CLOSE THE MICRONUTRIENT GAP AND ADDRESS IRON DEFICIENCY ANEMIA IN ADOLESCENTS IN LOW-AND-MIDDLE-INCOME COUNTRIES

Chair: Jordie Fischer (Sight and Life Foundation, Switzerland) Room: B2

11:00-11:04 am Jordie Fischer (Sight and Life Foundation, Switzerland): Welcome and speaker introduction

11:04-11:20 am Vanessa Garcia Larsen (Johns Hopkins Bloomberg School of Public Health, USA): Diet quality and NCDs in adolescents – Scientific evidence and opportunities for action

11:20-11:28 am Kesso Gabrielle van Zutphen-Küffer (Sight and Life Foundation, Switzerland): Known and overlooked causes of iron deficiency anemia among adolescents

11:28-11:44 am Wilbert Sybesma (Yoba4Life Foundation, Switzerland): School feeding programs with locally produced probiotic food – The story of Yoba for Life

11:44-11:59 am Lucy Murage (Nutrition International, Kenya): Going beyond school meals – Leveraging the school environment as a holistic platform for adolescent nutrition and health

11:59-12:16 pm PANEL DISCUSSION and Q&A

12:16-12:20 pm Kesso Gabrielle van Zutphen-Küffer (Sight and Life Foundation, Switzerland): Closing remarks

DAY 2 – TUESDAY, SEPTEMBER 5, 2023 – PROGRAM

Venue: University of Hohenheim

TOPIC 4: NUTRITION EDUCATION AND RELATED ACTIONS

Chair: Ernestine Tecklenburg
(German Nutrition Society (DGE e.V.))

Room: Audimax

02:00-02:30 pm Wafaie Fawzi (Harvard University, USA): Impacts of school feeding on educational and health outcomes of school-aged children in low and middle income countries. Systematic review

02:30-03:00 pm Mary Murimi (Texas Tech University, USA): Factors that contribute to effective nutrition education interventions in children: a systematic review

03:00-03:15 pm Laila Katrina Hartshauer (California State University San Marcos, USA): The Finnish School feeding Phenomenon: A Multi-faceted approach to nutrition education

03:15-03:30 pm Faick Moctar Yanausse Bello (University of Abomey-Calavi, Benin): Food and nutrition knowledge, attitudes, and behaviours among public primary school children in Southern Benin. A case study of urban and peri-urban area

03:30-04:00 pm **COFFEE BREAK**

TOPIC 3: FOOD-TO-FOOD FORTIFICATION OF SCHOOL MEALS

Chairs: Johanita Kruger (University of Hohenheim, Germany) and Jan Frank (University of Hohenheim, SNFS e.V., Germany)

Room: B2

02:00-02:25 pm Johanita Kruger (University of Hohenheim, Germany): The potential of food-to-food fortification to alleviate micronutrient deficiencies

02:25-03:05 pm K. Gyebi Duodu (University of Pretoria, South Africa): Food-to-food fortification and the double burden of malnutrition

03:05-03:30 pm Fabrice Fabien Dongho Dongmo (University of Duala, Cameroon): Local palm-oil based dishes as a solution to combat Vitamin A deficiency in Cameroon: Standardisation of preparation process and studying of bioavailability of some local dishes



DAY 2 – TUESDAY, SEPTEMBER 5, 2023 – PROGRAM

Venue: University of Hohenheim

TOPIC 5: PUBLIC FOOD PROCUREMENT AND HOME-GROWN SCHOOL FEEDING

Chair: Mathias Mogge (Deutsche Welthungerhilfe e.V., Germany) Room: Audimax

04:00-04:30 pm Frank Bliss (Bliss Consult, Germany): From the Field: Home grown school feeding. Effects on school attendance, social cohesion and local economy in Ethiopia, Benin and Cambodia

04:30-05:00 pm Karin Gaesing (Bliss Consult, Germany): Summary of findings from the INEF-BMZ research project regarding HGSP in low and least income countries

05:00-05:15 pm Nicole Jacquet (Global Child Nutrition Foundation, Italy): School meals programme and farmer engagement. An overview from the 2021 Global Survey of school meal programmes

05:15-05:30 pm Ana Carolina Ferreira de Siqueira (University of Sao Paulo, Brazil): Mayor's party alignment and school feeding procurement. Evidence from Brazil

05:30-05:45 pm [Connected via video conference]: Julian Zhuning Xie (Benefits Data Trust, USA): Public Food Procurement for Schools in Urban Kenya. Best practises and implementation insights

05:45-06:00 pm Nicole Holliday (Ludwig-Maximilians-University (LMU) Munich, Germany): School nutrition standards for improving diets and health – a Cochrane Review Protocol

BEST POSTER AWARD

Chair: Jan Frank (University of Hohenheim, SNFS e.V., Germany) Room: Audimax

06:00-06:15 pm The Society of Nutrition and Food Science (SNFS e.V.) will award the three best poster presentations with a prize up to 300.00 EUR. We are delighted to announce and inform the three presenters directly during the congress.

06:15-07:00 pm **BREAK** (to change the location)

07:00-11:00 pm **COME TOGETHER**
(at the Mensa/Canteen of the University of Hohenheim)

PARALLEL SESSION ORGANIZED BY THE HOHENHEIM RESEARCH CENTER FOR GLOBAL FOOD SECURITY AND ECOSYSTEMS (GFE):

LEAP-AGRI PROJECT EATSANE / "THE HAPPY FAMILY BOARD GAME" – WORKSHOP

Chairs: Irmgard Jordan (Alliance Bioversity International and CIAT, Africa Hub, Kenya),
Lydia M. Waswa (Egerton University, Kenya) and Thomas Hilger (University of Hohenheim, Germany)

Room: B13

04:00-05:30 pm The Education and Training for Sustainable Agriculture and Nutrition in East Africa – EaTSANE project aims to implement sustainable farming practices and improve diets of households in Kenya and Uganda by diversifying the food system with a participatory action learning approach. Besides various practice notes and scientific publications, the project developed "The Happy Family Board Game". The goal of this board game is to show the interconnectedness of decisions in agriculture, nutrition and value chains in a playful way. The game can be used as an awareness creation, education as well as a M&E tool and is applicable at school, community, institutional and university levels. In this workshop the consumers' perspective is taken, what do they know about agroecological practices and how is it linked to family health. All participants are invited to play "The Happy Family Board Game" which was designed as training and education tool for farming households in Uganda and Kenya.

Please note: Number of participants is limited. Registration is possible at the registration desk on site.



DAY 3 – WEDNESDAY, SEPTEMBER 6, 2023 – PROGRAM

Venue: University of Hohenheim

08:45-09:00 am Ulrike Arens-Azevedo (Hamburg University of Applied Sciences, Germany): Introduction to day 3
Room: Audimax

TOPIC 6: THE CONTRIBUTION OF RESEARCH IN SCHOOLS AND ALL-DAY CARE CENTERS AND THE SUSTAINABLE TRANSFORMATION IN NUTRITION

Chair: Donald A. Bundy (London School of Hygiene & Tropical Medicine, UK) Room: Audimax

09:00-09:30 am Donald A. Bundy (London School of Hygiene & Tropical Medicine, UK): How global research is contributing to the development of the School Meals Coalition

09:30-10:00 am [Connected via video conference]: Liselotte Schäfer Elinder (Department of Global Public Health, Sweden): Successful Implementation of Climate-Friendly, nutritious and acceptable school meals in practice: The OPTIMAT intervention study

10:00-10:15 am Nisha Varghese (Indira Gandhi Open University, India): Status of Hidden Hunger Among Children under five and the role of Aganwadi Centers in combating child malnutrition

10:15-10:30 am [Connected via video conference]: Sylvia Ohene Marfo (Union for African Population Studies, Ghana): Who feeds school children in Ghana. A political Economy of Ghana School Feeding Programme

10:30-11:00 am **COFFEE BREAK**

CONCLUDING EVENTS AND CLOSING

Chair: Regina Birner (University of Hohenheim, Germany) Room: Audimax

11:00-12:00 pm **PANEL DISCUSSION:** Future aspects and impacts of nutrition in all day care centers and schools – Challenges and opportunities of national school feeding programs

Panelists:

- Donald A. Bundy (London School of Hygiene & Tropical Medicine, UK)
- Ana Carolina Ferreira de Siqueira (University of Sao Paulo, Brazil)
- Shivani Garge (International Institute for Population Sciences, India)
- Isaac Nunoo (Tropenbos, Ghana)
- Peter von Philipsborn (Ludwig-Maximilians-University (LMU) Munich, Germany)
- Hans K. Biesalski (University of Hohenheim, Germany)

Including: **PLAN FOR ACTION: The Hohenheim Declaration**

12:00-12:15 pm Ulrike Arens-Azevedo (Hamburg University of Applied Sciences, Germany), Hans K. Biesalski (University of Hohenheim, Germany) and Jan Frank (University of Hohenheim, SNFS e.V. Germany): Closing remarks

12:15 pm **TIME TO PICK UP LUNCH BOXES** (before leaving the congress)

