

POSITIONING WOMEN'S NUTRITION AT THE CENTRE OF SUSTAINABLE DEVELOPMENT

MICRONUTRIENT FORUM GLOBAL
CONFERENCE / 24-28 OCTOBER, 2016
CANCÚN, MEXICO



**Micronutrient
FORUM**

BRIDGING DISCOVERY AND DELIVERY



ABOUT THE MICRONUTRIENT FORUM

The Micronutrient Forum (MN Forum) serves as a global catalyst and convener for sharing expertise, insights and experience relevant to micronutrients in all aspects of health promotion and disease prevention, with special emphasis on the integration with relevant sectors.

The primary objective of the MN Forum is to foster dialogue among the research, policy, clinical, program and private sector communities to facilitate the translation of evidence for policy and program planning, and to inform research needs and priorities based on evidence gaps to support programs.

Our vision is a world in which all people have access to essential micronutrients at levels needed to promote health and prevent disease.

First established in 2006, the Forum has produced three highly successful global conferences: in Istanbul (2007), Beijing (2009) and Addis Ababa (2014).

Presently the Micronutrient Forum is built on a broad foundation of technical and financial support. Leadership is provided by the International Steering Committee of about 15 individuals actively involved in issues related to micronutrients from academia and diverse normative, policy and implementing organizations across the globe. Coordination is provided by a Secretariat currently hosted by the Micronutrient Initiative in Ottawa, Canada.

WELCOME

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CONFERENCE**

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WOMEN HOLD UP HALF THE SKY

...goes the saying that should go without saying in 2016. By investing in women and girls' nutrition, communities and countries do better. Simply put, women and girls deliver! Improving nutrition is only possible when girls and women are leading the charge, making it not just the right thing to do, but also the smart thing to do. To obtain the world we want, we have to recognize that the virtuous circle of a better future starts with the girl child. This is why the SUN Movement Strategy and Roadmap 2016-2020, as well as many countries, agencies and communities, put girls and women at the heart of all action, everywhere.

GERDA VERBURG
United Nations Assistant Secretary-General,
Coordinator of the Scaling up Nutrition (SUN) Movement and
Keynote Speaker at the Micronutrient Forum
Global Conference 2016

**DEAR COLLEAGUES,**

On behalf of the Micronutrient Forum's International Steering Committee, I am honoured to welcome you to the 4th Micronutrient Forum Global Conference.

In Cancún, we anticipate the participation of over 700 delegates from 73 countries, representing 336 organizations covering a wide range of sectors involved in research, program delivery, policy, advocacy, business and philanthropy.

The 2016 conference marks the Forum's first visit to Latin America. Mexico was the chosen location in recognition of its achievements in addressing micronutrient deficiencies at the population level, and because of its commitment to the design and implementation of evidence-based public health policies and programs. At the same time, Mexico, like many countries around the world, continues to strive to eliminate micronutrient malnutrition, while simultaneously addressing the growing challenge of obesity and related non-communicable disease.

While maintaining the broad interest in all aspects of micronutrients, the theme for this year's gathering will focus on women's nutrition.

Women, often the gatekeepers of food choice and preparation in the home, are a focus for many nutrition interventions, and key partners in the delivery of programs—for children, families and communities. The health and well-being of women and girls are, consequently, critical to achieving several of the Sustainable Development Goals.

The time has come to better understand the burden, the context and the most innovative and effective solutions to improve policy, and the design and delivery of programs, for the increased equity, survival, health and well-being of women and girls.

We have worked hard to build a relevant and engaging program that continues the Micronutrient Forum's mandate to bridge scientific discovery and program delivery. We look forward to your active engagement, and to meeting many of you over the next week!

DR. LYNNETTE NEUFELD
Chair,
Micronutrient Forum International
Steering Committee

**WELCOME,**

I am delighted to welcome you to Cancún, Mexico to participate in the Micronutrient Forum Global Conference 2016.

Being the first time that the Global Conference takes place in Latin America, Mexico was chosen as the host country because it has had significant achievements in combating micronutrient deficiencies in children and women through government-sponsored programs such as PROSPERA (formerly Oportunidades) and Liconsa, with participation from different government and non-government organizations. Despite advances achieved as a result of these programs, Mexico continues to have an unacceptably high prevalence of micronutrient deficiencies. Therefore, this conference is very pertinent for the improvement of the mission-oriented research that informs the programs focused on reducing micronutrient deficiencies in the country.

It's gratifying to see that many of you have traveled long distances to join us this week to share your experiences.

On behalf of the Local Organizing Committee, thank you for coming. It's a pleasure to have you here! ¡Saludos!

DR. JUAN ANGEL RIVERA DOMMARCO
Chair,
Micronutrient Forum Global
Conference 2016
Local Organizing Committee



The image is a full-page graphic with a monochromatic orange and brown color scheme. In the background, there is a halftone-textured illustration of a crowd of people. Overlaid on this is a large, dark, curved film strip that frames the central elements. In the foreground, a woman with short hair and glasses is depicted in a stylized, outlined manner. She is holding a baby in her arms. The word "ABOUT" is written in large, white, bold, sans-serif capital letters across the bottom of the image, partially overlapping the woman and the film strip.

ABOUT

ORGANIZERS

MICRONUTRIENT FORUM INTERNATIONAL STEERING COMMITTEE

Dr. Lynnette Neufeld (Chair)

Global Alliance for Improved Nutrition (GAIN)

Dr. Rafael Flores-Ayala (Co-Chair)

U.S. Centers for Disease Control and Prevention (CDC)

Dr. Luz Maria De-Regil (Co-Chair)

Micronutrient Initiative (MI)

Dr. Lindsay Allen

USDA-ARS Western Human Nutrition Research Center (WHNRC)

Dr. Howarth Bouis

HarvestPlus, International Food Policy Research Institute (IFPRI)

Dr. Kenneth Brown

Bill & Melinda Gates Foundation (BMGF)

Dr. Ian Darnton-Hill

University of Sydney/Tufts University

Dr. Juan Angel Rivera Dommarco

National Institute of Public Health (INSP), Mexico

Dr. Klaus Kraemer

Sight and Life

Dr. Katharine Kreis

PATH

Dr. Roland Kupka

United Nations Children's Fund (UNICEF)

Dr. Daniel Raiten

National Institutes of Health (NIH)

Dr. Marie Ruel

International Food Policy Research Institute (IFPRI)

Dr. Emorn Udomkesmalee

Mahidol University, Thailand

PROGRAM WORKING GROUP

We would like to thank the following individuals who helped develop the Cancún 2016 Micronutrient Forum Conference Program:

Dr. Maria Elena Jefferds

U.S. Centers for Disease Control and Prevention (CDC)

Program Co-ordinator

Dr. Parminder A. Suchdev

Emory University and the U.S. Centers for Disease Control and Prevention (CDC)

Track 1 Chair

Dr. Lindsay Allen

USDA-ARS Western Human Nutrition Research Center (WHNRC)

Track 2 Chair

Dr. Rolf Klemm

Helen Keller International (HKI) and Johns Hopkins University (JHU)

Track 3 Chair

Dr. Klaus Kraemer

Sight and Life

Track 4 Chair

Dr. Seth Adu-Afarwuah

University of Ghana

Dr. Mandana Arabi

Global Alliance for Improved Nutrition (GAIN)

Ms. Jane Badham

JB Consultancy

Dr. Annabelle Bonvecchio

National Institute of Public Health (INSP), Mexico

Dr. Erick Boy

HarvestPlus, International Food Policy Research Institute (IFPRI)

Dr. Kenneth Brown

Bill & Melinda Gates Foundation (BMGF)

Dr. Parul Christian

Bill & Melinda Gates Foundation (BMGF)

Dr. Namukolo Covic

International Food Policy Research Institute (IFPRI)

Dr. Saskia de Pee

World Food Programme (WFP)

Dr. Rafael Flores-Ayala

U.S. Centers for Disease Control and Prevention (CDC)

Mrs. Patrizia Fracassi

Scaling Up Nutrition Movement Secretariat (SUN)

Dr. Wendy Gonzalez

Global Alliance for Improved Nutrition (GAIN)

Dr. Janet King

Children's Hospital Oakland Research Institute (CHORI)

Dr. Jackie Kung'u

Micronutrient Initiative (MI)

Dr. Jef Leroy

International Food Policy Research Institute (IFPRI)

Ms. Bonnie McClafferty

Global Alliance for Improved Nutrition (GAIN)

Dr. Purnima Menon

International Food Policy Research Institute (IFPRI)

Dr. Erin McLean

United Nations Children's Fund (UNICEF)

Dr. Lynnette Neufeld

Global Alliance for Improved Nutrition (GAIN)

Dr. Helena Pachon

Food Fortification Initiative (FFI)

ORGANIZERS

Dr. Sant-Rayn Pasricha

Oxford University

Dr. David PelletierCornell University (CU) & Society for
Implementation Science in Nutrition
(SISN)**Dr. Ana Pérez Expósito**

Inter-American Development Bank (IDB)

Dr. Juan Angel Rivera DommarcoNational Institute of Public Health
(INSP), Mexico**Dr. Daniel Roth**

University of Toronto

Dr. Marie RuelInternational Food Policy
Research Institute
(IFPRI)**Dr. Meera Shekar**

World Bank

Dr. Jonathan SiekmannChildren's Hospital Oakland
Research Institute
(CHORI)**Ms. Ruth Situma**United Nations Children's Fund
(UNICEF)**Ms. Katie Tripp**U.S. Centers for Disease Control
and Prevention (CDC)**Dr. Marti van Liere**Global Alliance for Improved Nutrition
(GAIN)

LOCAL STEERING COMMITTEE

Dr. Juan Angel Rivera DommarcoNational Institute of Public Health (INSP),
Mexico, Chair**Dr. José Alberto García Aranda**

Infantil de México Federico Gómez

Dr. Anabelle BonvecchioNational Institute of Public Health
(INSP), Mexico, Vice-Chair**Dr. Hector Bourges**Nacional de Ciencias Médicas y Nutrición
Salvador Zubirán (INCMNSZ)**Ms. Victoria E. Ramos Barragán**Presidenta del Colegio Mexicano de
Nutriólogos (CMN)**Dr. Teresita González de Cossío**

Universidad Iberoamericana (UIA)

Dr. Armando GarciaInstituto Nacional de Salud Pública
(INSP)**Dr. Rafael Díaz García**Universidad Autónoma Metropolitana
(UAM), Xochimilco**Dr. Edgar Vázquez Garibay**

Universidad de Guadalajara (UDG)

Ms. Jannelly GómezAsociación Mexicana de Miembros de
Facultades y Escuelas de Nutrición
(AMMFEN)**Mr. Timoteo Camiro Hdez**

Liconsa

Dr. Teresa Murguía

Instituto Nacional de Perinatología

Ing. Paula Angelica Hernández Olmos

PROSPERA Program

Mr. Roberto Paulo OrozcoAsociación Jalisciense de Nutrición
(ITESO)**Ms. Sophia Eugenia Martínez Vázquez**Asociación Mexicana de Nutriología AC
(AMENAC)**Ms. Luz Elena Pale Montero**Directora, Escuela de Dietética y
nutrición (ISSSTE)**Ms. Erika Ochoa**Tecnológico de Monterrey, campus
Ciudad de México (ITESM)**Ms. Camilla Passarella**

DSM Nutritional Products

Ms. Ana María PinedaSubdirector de aseguramiento
de la calidad, Liconsa**Mr. Juan Carlos Pineda**

DSM Nutritional Products

Dr. Teresa ShamahNational Institute of Public Health
(INSP), Mexico**Mr. Ignez Tristao**Banco Interamericano de Desarrollo
(IDB)**Ms. Alejandra Villa**

PROSPERA Program

Dr. Daniel Aceves Villagrán

PROSPERA Program

Dr. Salvador VillalpandoNational Institute of Public Health
(INSP), Mexico**Mr. Hugo Zertuche**

PROSPERA Program

ABOUT THE CONFERENCE

OVERVIEW

The Micronutrient Forum Global Conference to be held in Cancún, Mexico, from October 24–28, 2016 (with one additional day of Symposia on October 23) is the fourth gathering of the international community since the Forum's founding in 2006. We are welcoming over 700 participants from 73 countries and 336 organizations around the world.

This year's event will take place at the Cancún International Convention Center, Boulevard Kukulcán KM. 9 1er Piso, Zona Hotelera, 77500 Cancún, Q. Roo.

SCIENTIFIC PROGRAM

The conference has organized 46 sessions on a wide range of topics relevant to micronutrient research, program delivery, policy-making and resourcing, featuring over 200 speakers.

The sessions are divided into four tracks:

Track 1: Measuring and interpreting information on micronutrient status and program coverage

Track 2: Effects of micronutrient interventions on indicators and functional outcomes

Track 3: Scaling up micronutrient interventions in vulnerable populations: bridging the gaps between evidence and implementations

Track 4: Transforming the enabling environment to forge a future for micronutrients—what will it take?

POSTER PRESENTATIONS

Over 500 posters will be presented—half on Tuesday and Wednesday and the other half on Thursday and Friday—in the exhibition area outside the Gran Cancún plenary room on the third floor of the Convention Center. The presenters will be attending their posters and available for questions between 1:00–2:00pm each day (Tuesday–Friday). There will be a reception for poster presenters on Tuesday evening at 7:00pm.

LEARNING CENTRES

The learning centres offer a unique opportunity for a one-on-one guided experience. Each session will be led by a multi-disciplinary team of experts. These sessions take place throughout the duration of the conference. Please refer to the program schedule starting on page 15 for more information.

Organizations leading the learning centres include:

Cornell University

Global Alliance for Vitamin A (GAVA)

Global Alliance for Improved Nutrition (GAIN)

Global Alliance for Improved Nutrition (GAIN) Canada and Amway

The Home Fortification Technical Advisory Group (HF-TAG)

Micronutrient Initiative (MI)

CANCÚN ICC MAIN FLOOR

- MAIN ENTRANCE
- REGISTRATION DESK



ABOUT THE CONFERENCE

National Institute of Public Health (INSP), Mexico

PATH

United Nations Children's Fund (UNICEF)

U.S. Centers for Disease Control and Prevention (CDC)

World Health Organization (WHO)

EDUCATIONAL VISITS

Attendees at the conference will have the opportunity to visit local primary health care centres where the world-renowned PROSPERA program takes place, witnessing face-to-face interactions between the health care staff and the program's beneficiaries. Translation from Spanish into English will be provided.

The visits are three hours in length, taking place on Tuesday and Thursday from 10:00 am to 1:00 pm. Five groups of nine individuals will be taken to five different centres. Participants are asked to meet in the lobby of the Convention Center at 9:00 am, and will be directed to the transportation waiting outside. Wear comfortable clothing, bearing in mind the cultural norms of Mexico, and bring water. Specific instructions regarding photography will be given on-site.

The Micronutrient Forum is grateful to the Government of Mexico, which runs the PROSPERA program, for providing this opportunity.

The PROSPERA program develops and coordinates social policy initiatives to improve education, health, nutrition, productivity, income generation and economic wellbeing for citizens existing in a state of extreme poverty.

SYMPOSIA SPONSORS

In addition to the scientific program, the Micronutrient Forum has invited organizations to offer their own sessions, enriching and diversifying the Conference experience for all attendees. Consult the full schedule for more details about the topics, times and locations of the sponsored symposia.

The following organizations will be participating in these sessions:

Bill & Melinda Gates Foundation

DSM

Food Fortification Initiative (FFI)

GIZ GmbH

Global Alliance for Improved Nutrition (GAIN)

Global Nutrition Report (GNR)

CANCÚN ICC LEVEL 2

COZUMEL (C)

1 & 5 Session Room
2 Session Room
3 Session Room
4 Session Room

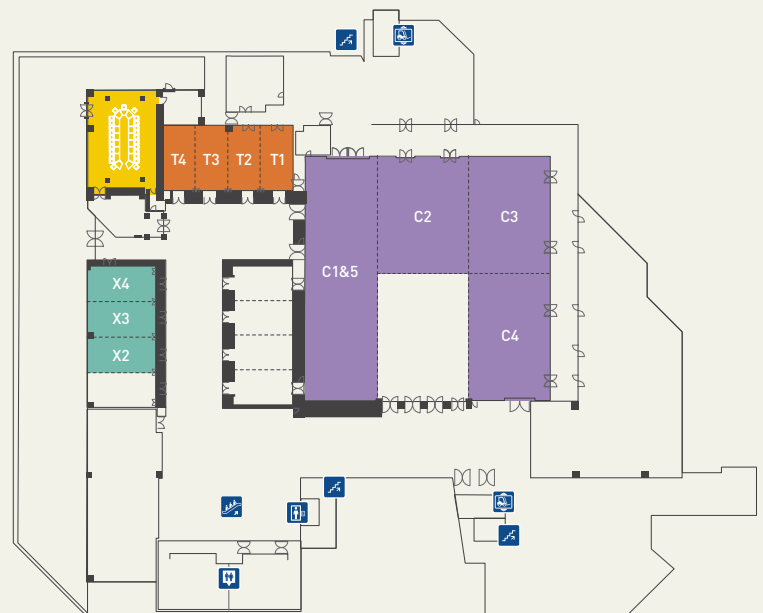
TULUM (T)

1 & 2 Session Room:
Sponsored Symposia,
Learning Centres
and Private Meetings
3 Media Room

XCARET (X)

2 Business Centre
3 Lactation Room
4 Micronutrient Forum
Office

CONTOY SPEAKERS ROOM



ABOUT THE CONFERENCE

SYMPOSIA SPONSORS CONTINUED

The Home Fortification Technical Advisory Group (HF-TAG)
HarvestPlus
Iodine Global Network (IGN)
International Atomic Energy Agency (IAEA)
International Food Policy Research Institute (IFPRI)
Micronutrient Initiative (MI)
Rainer Gross Award
Scaling Up Nutrition Movement (SUN)
Sight and Life
Sociedad Latinoamericana de Nutrición (SLAN) and Instituto de Nutrición de Centro América y Panamá (INCAP)
Society for Implementation in Nutrition (SISN)
Strengthening Partnerships, Results, and Innovation in Nutrition Global Policy (SPRING)
Tufts University
Nutrition Leadership Programmes
United Nations Children's Fund (UNICEF)
University of California, Davis
Vitamin Angels
World Food Programme (WFP)
World Health Organization (WHO)

EXHIBITORS

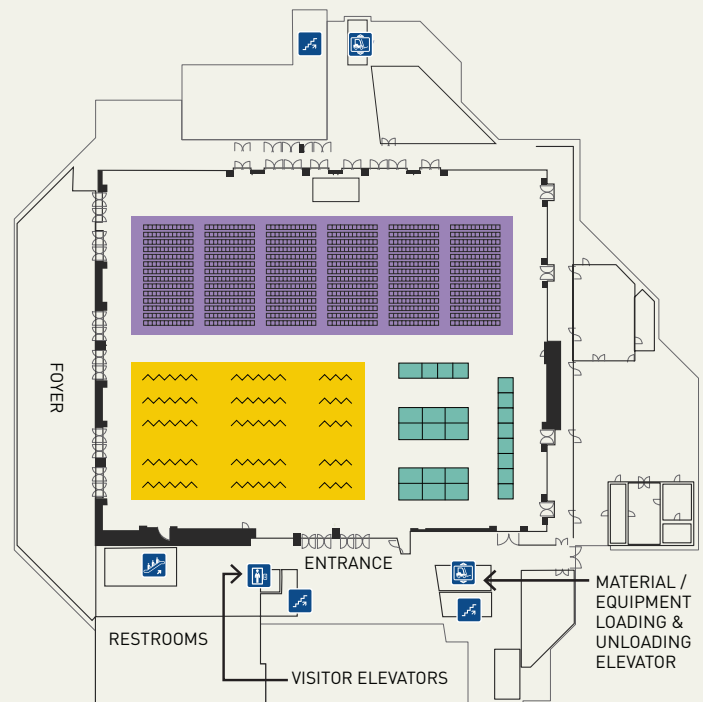
The exhibitors' booths are located in the exhibition area outside the Gran Cancún plenary room on the third floor of the Convention Center. We value the support of the exhibitors and encourage you to visit them and take advantage of their activities and resources.

EXHIBITORS INCLUDE:

Sight and Life
BioAnalyt GmbH
Global Alliance for Improved Nutrition (GAIN)
Quansys Biosciences
HarvestPlus
Nutraset
BASF SE
DSM Brazil
The Hospital for Sick Children (Sick Kids)
Micronutrient Forum
Micronutrient Initiative (MI)

CANCÚN ICC LEVEL 3

- GRAN CANCÚN
PLENARY ROOM
- POSTER DISPLAY AREA
- EXHIBITOR BOOTHS



ABOUT THE CONFERENCE

AWARDS AND CONTESTS

The Micronutrient Forum will present three awards during the conference:

- Career Achievement in Evidence Translation Award (sponsored by the Mathile Institute for the Advancement of Human Nutrition)
- Hidden Hero of Hidden Hunger Award: Dr. Guillermo Arroyave (sponsored by the Inter-American Development Bank)
- Early Career Awards (2) (sponsored by the International Life Sciences Institute)

In addition, two other organizations will be presenting awards:

The Hildegard Grunow Foundation (HGF) will announce the winner of the Rainer Gross Prize to one whose work in developing societies probes outside the mainstream of conventional thought, and innovates our understanding in applied nutrition.

Sight and Life will announce the winner of the Elevator Pitch Contest: The Future of Micronutrient Innovation. This individual will share their idea with the conference attendees in a one-minute presentation.

SOCIAL EVENTS AND RECEPTIONS

Conference participants will be offered a number of opportunities to gather socially. Highlights include the welcome reception on Monday evening at 7:00 pm and the Poster Presenters' reception Tuesday evening at 7:00 pm

The Gala Dinner will be held on Wednesday night starting at 7:00 pm at the Iberostar Hotel. Dress is smart casual. Shuttles will depart from the Convention Center between 6:30 pm and 7:30 pm. The journey to the hotel will take 15 minutes. Shuttles will return participants from the hotel to the Convention Center between 9:30 pm and 11:30 pm.

PRACTICAL INFORMATION

BADGE PICKUP/ON-SITE REGISTRATION

Check-in and day registrations take place between 8:00 am and 7:00 pm from October 23–28 at the registration desk on the main floor of the Cancún International Convention Center, Boulevard Kukulcán KM. 9 1^{er} Piso, Zona Hotelera, 77500 Cancún, Q. Roo.

MICRONUTRIENT FORUM INFORMATION BOOTH

For information and assistance please visit us at the Forum booth in the exhibitors' area outside the Gran Cancún plenary room on the third floor of the Convention Center.

LACTATION FACILITIES

A lactation room will be available in Xcaret 3 on the second floor of the Convention Center.

SOCIAL MEDIA

Reach out to the international community by sharing your experience at the Micronutrient Forum Global Conference in social media.

Tweet your "aha!" moments in your own channels, re-tweet from @MNForum and share on Facebook and LinkedIn

Twitter: @MNForum

Hashtag: #mnforum2016

Facebook: Micronutrient Forum

MEDIA INQUIRIES

EN ESPAÑOL: Dr. Homero Martinez, Senior Advisor, Micronutrient Forum
hmartinez@micronutrient.org

ENGLISH: Ms. Susanne Ure, Communications Officer
sure@micronutrient.org

TRAVELER PROTECTION GUIDELINES FOR THE ZIKA VIRUS

The U.S. Centers for Disease Control and Protection has provided guidance here:

<https://wwwnc.cdc.gov/travel/notices/alert/zika-virus-mexico>

IN CASE OF EMERGENCY

In the event of an emergency, safety instructions for conference participants will be provided at the Micronutrient Forum booth on the third floor of the Convention Center, as well as in the following channels:

Twitter: @MNForum

Facebook: Micronutrient Forum

Emails updates will also be sent to all Conference participants.

MICRONUTRIENT FORUM SECRETARIAT

CONTACT INFORMATION

EMAIL

mnforum@micronutrient.org

PHONE

+1.613.690.6852

ADDRESS

180 Elgin Street, Suite 1000
Ottawa, Ontario Canada K2P 2K3

STAFF

Dr. Homero Martinez
Senior Advisor

Ms. Susanne Ure
Communications Officer

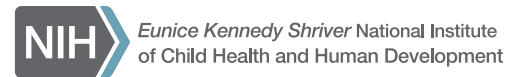
Ms. Nancy Pinel
Program Assistant

DONORS AND SPONSORS

THE MICRONUTRIENT FORUM WOULD LIKE
TO GRATEFULLY ACKNOWLEDGE THE GENEROSITY
OF THE FOLLOWING ORGANIZATIONS:

MICRONUTRIENT FORUM CORE DONORS

BILL & MELINDA
GATES *foundation*



MICRONUTRIENT FORUM GLOBAL CONFERENCE 2016 SPONSORS

GOLD



SILVER



AWARD SPONSORS



The Micronutrient Forum would like to thank the Government of Mexico for its generous assistance, especially: Programa Inclusión Social—PROSPERO; Secretaría de Desarrollo Social (SEDESOL); Secretaría de Salud (SSA); Gobierno de Quintana Roo.

A stylized illustration of a woman with dark hair, wearing a dark top, and holding a film strip. She is surrounded by a large, circular, glowing orange and yellow light effect. The background is dark with a pattern of small, glowing orange dots. The word "OVERVIEW" is written in large, white, bold, sans-serif capital letters across the bottom of the image.

OVERVIEW

OVERVIEW

SUNDAY 23

SPONSORED SYMPOSIA

8:30 TO 12:30

- Initiatives to address data gaps in nutrition/Micronutrient Initiative (MI-TAN), Scaling Up Nutrition Movement (SUN) Secretariat, and the Bill & Melinda Gates Foundation (BMGF)

10:30 TO 12:00

- Nutrition-sensitive programming: addressing the underlying determinants of malnutrition in Ecuador, Honduras and the Dominican Republic. Key examples of the WFP work in the region/World Food Programme (WFP)
- The responsibility of industry in public health nutrition/DSM

2:00 TO 3:30

- Use of economic optimization modeling to design and manage micronutrient intervention strategies: recent model and policy engagement results/University of California, Davis
- Stories of change in nutrition/International Food Policy Research Institute (IFPRI)

4:00 TO 5:30

- Stable isotope techniques help optimal formulation and impact assessment of food fortification programs/International Atomic Energy Agency (IAEA)
- A new global repository for food fortification: helping to map and track food fortification efforts globally/Global Alliance for Improved Nutrition (GAIN), Iodine Global Network (IGN), Food Fortification Initiative (FFI) and the Micronutrient Forum
- Positioning women at the center for successful nutrition outcomes: innovative case studies from Colombia, Laos and Malawi/World Food Programme (WFP)

5:30 TO 7:00

- Identifying gaps, challenges and innovative solutions in program planning, implementation and monitoring for 2016-2020/The Home Fortification Technical Advisory Group (HF-TAG)
- Approaches to prevent and control anemia: examples of global, national, district and community efforts/SPRING

MONDAY 24

8:30 TO 12:00

- Tackling the needs of women and children during the first 1000 days through an integrated agriculture nutrition health intervention (MAMA SASHA) using biofortified sweet potato/International Food Policy Research Institute (IFPRI)

8:30 TO 10:00

SPONSORED SYMPOSIA

- Use of female community health volunteers (FCHV) as an effective strategy to improve coverage of micronutrient programs in Nepal: Celebrating success of 45 years of micronutrient programs/United Nations Children's Fund (UNICEF)
- Leveraging a proven approach to achieve large scale deployment of multi-micronutrient supplements to pregnant, nutritionally at risk, hard-to-reach women/Vitamin Angels

10:30 TO 12:00

SPONSORED SYMPOSIA

- Iron and folic acid interventions in malaria endemic areas/World Health Organization (WHO) and the Micronutrient Initiative (MI)
- Market-based approaches to reduce micronutrient deficiencies in women of reproductive age and children—experiences from Ghana/GIZ GmbH

LEARNING CENTRE

- Mapping the multiple burden of malnutrition: your digital resource/Global Alliance for Improved Nutrition (GAIN) Canada and Amway

2:00 TO 3:30

SPONSORED SYMPOSIA

- Elimination of IDD from the Americas: a public health triumph/Global Alliance for Improved Nutrition (GAIN), Iodine Global Network (IGN), Food Fortification Initiative (FFI), and the Micronutrient Forum
- Implementation research to improve implementation outcomes (coverage, adherence, quality, and equity) of micronutrient/nutrition programs and policies/Sight and Life and the Society for Implementation Science in Nutrition (SISN)
- Women's Nutrition Now: improving access to health and nutrition for pregnant women/Micronutrient Initiative (MI)

4:00 TO 5:30

OPENING CEREMONY

5:30 TO 7:00

WELCOME RECEPTION

OVERVIEW

TUESDAY-FRIDAY

30 MINUTE COFFEE BREAKS AT 10:00 AM AND 3:30 PM

LUNCH FROM 12:00 TO 1:00

TUESDAY 25

8:30 TO 10:00

OPENING KEYNOTE

- Better nutrition: translating commitments into results and impact/Ms. Gerda Verburg, United Nations Assistant Secretary-General and Coordinator of the Scaling up Nutrition (SUN) Movement

10:30 TO 12:00

PLENARY

- Positioning women's nutrition at the center of sustainable development **DEEP DIVE**

1:00 TO 2:00

LEARNING CENTRE

- Measurement issues associated with biological and food specimen collection and analysis in household surveys/U.S. Centers for Disease Control and Prevention (CDC)
- Poster Presentations

2:00 TO 3:30

CONCURRENT SESSIONS

- New biomarkers/indicators for assessing micronutrient status in population-based surveys
- Micronutrients in breastmilk and relationships to maternal and infant status
- Zinc intervention trials
- The food environment as a determinant of optimal dietary consumption
- Country ownership and leadership in working with multiple actors to promote policies, enable innovation and fund effective national micronutrient strategies
- Transformational leadership

4:00 TO 5:30

CONCURRENT SESSIONS

- Global coverage of micronutrient interventions
- Interventions to increase micronutrients in breast milk **DEEP DIVE**
- Filling the data void in nutrition surveillance
- How has the arrival of the SDGs changed financing for nutrition?
- Climate change and micronutrient nutrition

5:30 TO 7:00

SPONSORED SYMPOSIA

- The future of micronutrient innovation: Elevator Pitch Contest/Sight and Life
- Progress in scaling up biofortification/HarvestPlus
- Optimal red blood folate concentration in women of reproductive age for prevention of neural tube defects: new guidelines and applications in low, medium and high income countries/World Health Organization (WHO) and U.S. Centers for Disease Control and Prevention (CDC)
- Rainer Gross Award

7:00

POSTER PRESENTATIONS AND COCKTAIL RECEPTION



Simultaneous translation available for this session (Spanish/English)
La traducción simultánea está disponible en esta sesión Inglés/Español

■ **TRACK 1** Measuring and interpreting information on micronutrient status.

■ **TRACK 2** Effects of micronutrient interventions on indicators and functional outcomes.

■ **TRACK 3** Scaling up micronutrient interventions in vulnerable populations: bridging the gaps between evidence and implementations.

■ **TRACK 4** Transforming the enabling environment to forge a future for micronutrients—what will it take?

■ Deep Dive

■ Opening Ceremony, Welcome Reception, Gala Dinner

■ Mexico and Latin American Focus

■ Keynotes

■ Sponsored Symposia

■ Learning Centres

■ Poster Presentations

WEDNESDAY 26

8:30 TO 10:00

PLENARY

- Use of evidence for the design and improvement of programs: Mexican experience

10:30 TO 12:00

CONCURRENT SESSIONS

- Advances in program monitoring
- Micronutrient interventions to improve child development
- Effectiveness of large scale fortification
- Navigating vitamin A supplementation (VAS) decisions in different contexts
- Adolescent nutrition: achievements, challenges and future actions **DEEP DIVE**
- Ensuring high coverage and quality of micronutrient
- Interventions: what is needed from the health system?

1:00 TO 2:00

LEARNING CENTRE

- Contributions of civil society organizations (CSO) in generating evidence for nutrition-specific and nutrition-sensitive interventions: what it takes to conduct an impact evaluation in local settings, challenges, and lessons learned
- Poster Presentations

2:00 TO 3:30

PLENARY

- Updated prevalence of anemia, iron deficiency and vitamin A deficiency in settings of inflammation and globally: key findings from the BRINDA project

4:00 TO 5:30

CONCURRENT SESSIONS

- Vitamin D in pregnancy and infancy: implications for maternal and child health
- Effects of iron supplementation on malaria and the gut microbiome
- Should there be regional guidelines for newborn vitamin A supplementation?
- Meeting micronutrient needs during emergencies
- What works to improve infant and young child nutrition practices
- Effective policies and delivery platforms to reach women of reproductive age **DEEP DIVE**

7:00

GALA DINNER

OVERVIEW

THURSDAY 27

8:30 TO 10:00

PLENARY

- Transforming the enabling environment to forge a future for micronutrients — what will it take?

10:30 TO 12:00

CONCURRENT SESSIONS

- New technologies for assessment of micronutrient status
- Risk benefit of micronutrient interventions
- Innovations in nutrition sensitive programs to address micronutrient deficiencies: design, implementation and effectiveness
- Economics of demand
- Micronutrients in the context of the nutrition transition

SPONSORED SYMPOSIA

- Recognition of the work of Dr. Guillermo Arroyave and Dr. Fernando Viteri/Sociedad Latinoamericana de Nutrición (SLAN) and Instituto de Nutrición de Centro América y Panamá (INCAP)
- Building the global roadmap for scaling up rice fortification/World Food Programme (WFP)

1:00 TO 2:00

LEARNING CENTRE

- Interactive demonstration of new tools and resources to implement and monitor micronutrient programs/U.S. Centers for Disease Control and Prevention (CDC), United Nations Children's Fund (UNICEF), Home Fortification Technical Advisory Group (HF-TAG), Global Alliance for Vitamin A (GAVA), Micronutrient Initiative (MI), World Health Organization (WHO), and the Global Alliance for Improved Nutrition (GAIN)
- Poster Presentations

2:00 TO 3:30

PLENARY

- Have micronutrient powder programs scaled up too quickly (have the programs come before the evidence)? — Debate

CONCURRENT SESSIONS

- New technologies for delivering micronutrients
- New efficacy trials of biofortified crops — beyond biomarkers
- Effectiveness of home fortification programs
- Are we talking the language to turn evidence into policy and programs?
- The critical role of capacity for delivering micronutrient interventions

5:30 TO 7:00

SPONSORED SYMPOSIA

- Accelerating anemia reduction/Global Nutrition Report (GNR)
- Hidden hunger in older adults: an urgent, yet preventable, global health and economic problem/Tufts University
- Meeting of the Nutrition Leadership Programmes (NLP)

FRIDAY 28

8:30 TO 10:00

PLENARY

- Implementation science in nutrition: purposes, forms, functions and country examples

10:30 TO 12:00

CONCURRENT SESSIONS

- Dietary assessment re-imagined using individual dietary intake data for program baseline and impact assessment
- Iodine nutrition during perinatal period and early childhood
- What's stopping you? Addressing barriers to food fortification implementation success
- Scaling up micronutrient interventions to reach the Global Nutrition Targets: what are the costs, benefits, and sustainable financing options?
- Opening the door to the next generation of partnerships
- Intervention mix: determining policies with and without data

12:00 TO 2:00

SPONSORED SYMPOSIA

- Scaling up micronutrient interventions in Nigeria: one vision and plan for collective action/United Nations Children's Fund (UNICEF) Nigeria

LEARNING CENTRE

- Positioning qualitative research as a key element of implementation research. Key challenges and opportunities/ National Institute of Public Health Mexico (INSP), Global Alliance for Improved Nutrition (GAIN), and Cornell University

1:00 TO 2:00

- Poster Presentations

2:00 TO 3:30

PLENARY

- Bridging discovery and delivery: future directions for the Micronutrient Forum

4:00 TO 5:30

KEYNOTE AND CLOSING CEREMONY

- **Dr. Lawrence Haddad**,
Global Alliance for Improved Nutrition (GAIN);
Dr. José Narro Robles,
Federal Secretary of Health, Mexico



SCHEDULE

SUNDAY

8:30 TO 12:30

ROOMS ↓

SPONSORED SYMPOSIA

Micronutrient Initiative (MI-TAN), Scaling Up Nutrition Movement (SUN) Secretariat and the Bill & Melinda Gates Foundation (BMGF)	Initiatives to address data gaps in nutrition	TULUM 1 & 2
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10:30 TO 12:00

ROOMS ↓

World Food Programme (WFP)	Nutrition-sensitive programming: addressing the underlying determinants of malnutrition in Ecuador, Honduras and the Dominican Republic. Key examples of the WFP work in the region	XCARET 1
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DSM	The responsibility of industry in public health nutrition	COZUMEL 2
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2:00 TO 3:30

ROOMS ↓

University of California, Davis	Use of economic optimization modeling to design and manage micronutrient intervention strategies: recent model and policy engagement results	COZUMEL 4
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International Food Policy Research Institute (IFPRI)	Stories of change in nutrition	COZUMEL 2
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4:00 TO 5:30

ROOMS ↓

International Atomic Energy Agency (IAEA)	Stable isotope techniques help optimal formulation and impact assessment of food fortification programs	TULUM 1 & 2
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Global Alliance for Improved Nutrition (GAIN), Iodine Global Network (IGN), Food Fortification Initiative (FFI) and the Micronutrient Forum	A new global repository for food fortification: helping to map and track food fortification efforts globally	COZUMEL 4
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World Food Programme (WFP)	Positioning women at the center for successful nutrition outcomes: innovative case studies from Colombia, Laos and Malawi	XCARET 1
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5:30 TO 7:00

ROOMS ↓

The Home Fortification Technical Advisory Group (HF-TAG)	Identifying gaps, challenges and innovative solutions in program planning, implementation and monitoring for 2016-2020	COZUMEL 2
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Strengthening Partnerships, Results, and Innovation in Nutrition Globally (SPRING)	Approaches to prevent and control anemia: examples of global, national, district and community efforts	TULUM 1 & 2
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MONDAY

8:30 TO 10:00

ROOMS ↓

SPONSORED SYMPOSIA

United Nations Children's Fund (UNICEF)	Use of female community health volunteers (FCHV) as an effective strategy to improve coverage of micronutrient programs in Nepal: celebrating success of 45 years of micronutrient programs	COZUMEL 4
Vitamin Angels	Leveraging a proven approach to achieve large scale deployment of multi-micronutrient supplements to pregnant, nutritionally at risk, hard-to-reach women	COZUMEL 2

8:30 TO 12:00

ROOMS ↓

International Food Policy Research Institute (IFPRI)	Tackling the needs of women and children during the first 1000 days through an integrated agriculture-nutrition-health intervention (MAMA SASHA) using biofortified sweet potato	TULUM 1&2
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10:30 TO 12:00

ROOMS ↓

World Health Organization (WHO) and Micronutrient Initiative (MI)	Iron and folic acid interventions in malaria-endemic areas	COZUMEL 3
Gesellschaft für Internationale Zusammenarbeit GmbH (GIZ GmbH)	Market-based approaches to reduce micronutrient deficiencies in women of reproductive age and children — experiences from Ghana	COZUMEL 4

10:30 TO 12:00

RM: COZUMEL 2

LEARNING CENTRE

Global Alliance for Improved Nutrition (GAIN) Canada and Amway	Mapping the multiple burden of malnutrition: your digital resource
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2:00 TO 3:30

ROOMS ↓

SPONSORED SYMPOSIA

Iodine Global Network (IGN)	Elimination of IDD from the Americas: a public health triumph	COZUMEL 2
Sight and Life and the Society for Implementation Science in Nutrition (SISN)	Implementation research to improve implementation outcomes (coverage, adherence, quality, and equity) of micronutrient/nutrition programs and policies	XCARET 1
Micronutrient Initiative (MI)	Women's Nutrition Now: improving access to health and nutrition for pregnant women	TULUM 1&2



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TRACK 3 Scaling up micronutrient interventions in vulnerable populations: bridging the gaps between evidence and implementations.

TRACK 4 Transforming the enabling environment to forge a future for micronutrients—what will it take?

Deep Dive

Opening Ceremony, Welcome Reception, Gala Dinner

Mexico and Latin American Focus

Keynotes

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Learning Centres

Poster Presentations

MONDAY

4:00 TO 5:30

RM: GRAN CANÚN



OPENING CEREMONY

WORDS OF WELCOME

Dr. Juan Angel Rivera Dommarco

Chair, Micronutrient Forum
Global Conference 2016
Local Organizing Committee

Mr. Joel Spicer

President, Micronutrient
Initiative (MI), Host organization
of the Micronutrient Forum
Secretariat

Dr. Lynnette Neufeld

Micronutrient Forum International
Steering Committee

Dr. Mauricio Hernández

Director,
National Institute of Public Health
(INSP), Mexico

OPENING MESSAGE AND CEREMONY

**Ing. Paula Angelica
Hernández Olmos**

National Coordinator,
PROSPERA Program

Use of evaluation data to revise the PROSPERA program

5:30 TO 7:00

RM: GRAN CANÚN

WELCOME RECEPTION

TUESDAY

→ PLENARY/ EARLY MORNING

8:30 TO 10:00

RM: GRAN CANÚN

OPENING KEYNOTE

MODERATORS: DR. RAFAEL FLORES-AYALA, U.S. CENTERS FOR DISEASE CONTROL AND PREVENTION (CDC) AND DR. KLAUS KRAEMER, SIGHT AND LIFE

KEYNOTE SPEAKER

Ms. Gerda Verburg
U.N. Assistant Secretary General
and the Scaling Up Nutrition
Movement (SUN) Coordinator

Better nutrition: translating commitments into results and impacts

→ PLENARY / LATE MORNING

10:30 TO 12:00

RM: GRAN CANCÚN



POSITIONING WOMEN'S NUTRITION AT THE CENTRE OF SUSTAINABLE DEVELOPMENT

DEEP DIVE

MODERATOR: DR. LYNNETTE NEUFELD, GLOBAL ALLIANCE FOR IMPROVED NUTRITION (GAIN)

	SPEAKERS	PRESENTATIONS
10:30	Dr. Lynnette Neufeld Global Alliance for Improved Nutrition (GAIN)	Introduction and session overview
10:35	Dr. Ana Langer Harvard School of Public Health	Women and health: the key to sustainable development
10:50	Dr. Robert Black Johns Hopkins University (JHU)	Nutrition is central to women’s health
11:05	Dr. Parul Christian Bill & Melinda Gates Foundation (BMGF)	Women’s nutrition: agenda for action and research
11:20	Dr. Jacqueline Kung’u Micronutrient Initiative (MI)	Advancing maternal and neonatal health and nutrition in Africa: impact evaluation from an integrated community-based multi-country project
11:35	DISCUSSION/Q&A	
12:00 TO 1:00 / LUNCH BREAK		



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■ Poster Presentations



TUESDAY

1:00 TO 2:00

RM: TULUM 1&2

LEARNING CENTRE

**U.S. Centers for Disease Control
and Prevention (CDC)**Measurement issues associated with biological and food specimen
collection and analysis in household surveys

1:00 TO 2:00

RM: GRAN CANCÚN

POSTER PRESENTATIONS

VIEW LIST OF POSTER PRESENTATIONS ON PAGE 52

→ CONCURRENT SESSIONS / EARLY AFTERNOON

2:00 TO 3:00

RM: COZUMEL 2

**NEW BIOMARKERS / INDICATORS FOR ASSESSING MICRONUTRIENT STATUS
IN POPULATION-BASED SURVEYS**MODERATOR: DR. DORA INÉS MAZARIEGOS CORDERO,
INSTITUTO DE NUTRICIÓN DE CENTRO AMÉRICA Y PANAMÁ (INCAP)

	SPEAKERS	PRESENTATIONS
2:00	Dr. Ralph D. Whitehead Jr. U.S. Centers for Disease Control and Prevention (CDC)	Inclusion of MRDR in population-based surveys in Guatemala, Uganda, Mozambique, and Nepal: implications for cut-offs and prevalence of vitamin A deficiency
2:20	Dr. Jacky Knowles Global Alliance for Improved Nutrition (GAIN)	Iodine survey methods adapted to account for the changing landscape and salt intake through processed foods
2:40	Dr. Alex Brito USDA-ARS Western Human Nutrition Research Center (WHNRC)	cB12: a novel combined indicator of vitamin B12 status
3:00	Dr. Bradley A. Woodruff GroundWork	Statistical considerations of the analysis and presentation of urinary iodine concentrations in population-based surveys
3:15	Dr. Hans Verhoef London School of Hygiene and Tropical Medicine and Wageningen University (WU)	Diagnostic test performance of zinc protoporphyrin to detect iron deficiency in Kenyan pregnant women

TUESDAY

2:00 TO 3:00

RM: COZUMEL 1 & 5

MICRONUTRIENTS IN BREASTMILK AND RELATIONSHIPS TO MATERNAL AND INFANT STATUSMODERATORS: DR. TERESITA GONZÁLEZ DE COSÍO, UNIVERSIDAD IBEROAMERICANA AND MTRA.
ERIKA OCHOA, TECNOLÓGICO DE MONTERREY, CAMPUS CD MEXICO (ITESM)

	SPEAKERS	PRESENTATIONS
2:00	Dr. Lindsay Allen USDA-ARS Western Human Nutrition Research Center (WHNRC)	Existing global data on breastmilk micronutrient concentrations
2:25	Dr. Munirul Islam ICDDR,B, Bangladesh	Collecting breastmilk for micronutrient analysis; methodological issues
2:45	Dr. Daniela Hampel USDA-ARS Western Human Nutrition Research Center WHNRC	Developing reference values for breastmilk micronutrients
3:05	Ms. Chen Li McGill University	Adequacy of major minerals and trace elements in human breast milk is associated with Guatemalan infant anthropometric indices within the first six months of life
3:20	Dr. Sherry Tanumihardjo University of Wisconsin-Madison	Breast milk retinol reflects liver reserves and dietary exposure in Thai lactating women

2:00 TO 3:30

RM: COZUMEL 3

ZINC INTERVENTION TRIALSMODERATORS: DR. CHRISTINE MCDONALD, CHILDREN'S HOSPITAL OAKLAND RESEARCH INSTITUTE (CHORI) AND
DR. EDGAR VÁZQUEZ GARIBAY, UNIVERSIDAD DE GUADALAJARA (UDG)

	SPEAKERS	PRESENTATIONS
2:00	Dr. Diego Moretti Federal Institute of Technology (ETH), Zurich, Switzerland	Impact of biofortified wheat on zinc nutrition in school-age children
2:20	Dr. Chris Duggan Harvard University	Zinc versus multiple micronutrient supplementation of young Tanzanian children
2:40	Dr. Janet King Children's Hospital Oakland Research Institute, (CHORI)	Effect of a small nutrient-dense meal on maternal nutrition and pregnancy outcomes
3:00	Dr. Saurabh Mehta Cornell University	A randomized trial of iron- and zinc-biofortified pearl millet: effects on zinc concentrations and anthropometry in school children in India
3:15	Dr. Sonja Y. Hess University of California, Davis	Exploring reasons for different growth responses to small-quantity lipid-based nutrient supplements and zinc supplements among young children in two studies in neighboring districts of Burkina Faso



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TUESDAY

2:00 TO 3:30

RM: COZUMEL 4

THE FOOD ENVIRONMENT AS A DETERMINANT OF OPTIMAL DIETARY CONSUMPTIONMODERATORS: BONNIE MCCLAFFERTY, GLOBAL ALLIANCE FOR IMPROVED NUTRITION (GAIN) AND
MTRA. GABRIELA GARCIA, NATIONAL INSTITUTE OF PUBLIC HEALTH (INSP), MEXICO

	SPEAKERS	PRESENTATIONS
2:00	Dr. Anna Herforth Independent Consultant	The food environment: availability, convenience and desirability
2:15	Dr. Inge Brower Wageningen University (WU)	Does local food availability support implementation of food-based dietary guidelines in northern Ghana?
2:30	Ms. Lilly Schofield Save The Children UK	Using cost of the diet to inform a program to prevent chronic malnutrition in children in Myanmar
2:45	Dr. Margaret Armar-Klemesu Noguchi Memorial Institute	Outcomes from focused ethnographic surveys of rural mothers for improved infant feeding
3:00	Dr. Marti van Liere Global Alliance for Improved Nutrition (GAIN)	Making nutrition aspirational and desirable
3:15	MODERATED DISCUSSION	

2:00 TO 3:30

RM: GRAN CANCÚN

COUNTRY OWNERSHIP AND LEADERSHIP IN WORKING WITH MULTIPLE ACTORS (BILATERAL AGENCIES, PRIVATE DONORS, MULTILATERAL ORGANIZATIONS, NGOS, CSOS, ACADEMIA, PRIVATE SECTOR) TO PROMOTE POLICIES, ENABLE INNOVATION AND FUND EFFECTIVE NATIONAL MICRONUTRIENT STRATEGIES

MODERATOR: MS. PATRIZIA FRACASSI, SCALING UP NUTRITION MOVEMENT (SUN)

	SPEAKERS	PRESENTATIONS
2:00	Dra. Nina Sadjunani SUN Lead Group and National SDGs, Secretariat	Micronutrient interventions in Indonesia: what does it take to realize country ownership and leadership?
2:15	Dr. Ariela Luna Peru	Micronutrient interventions in Peru: driving the agenda in terms of funding, implementation and monitoring of effective coverage

TUESDAY

	MODERATED DISCUSSION	TOPIC
2:30	The contribution of multiple actors in supporting the enabling environment for effective implementation of micronutrient interventions	
	Prof. Uma Koirola Civil Society Alliance, Nepal	The role of civil society
	Mr. Mauricio Adade DSM Latin America	The role of the private sector
	Dr. Noel Marie Zagre United Nations Children's Fund (UNICEF) Regional Office for West and Central Africa	The role of technical assistance
	Dr. Omar Dary United States Agency for International Development (USAID)	The role of donors

3:15 Q&A/DISCUSSION

2:00 TO 3:30

RM: TULUM 1 & 2

TRANSFORMATIONAL LEADERSHIP

MODERATOR: TBC

SPEAKER	PRESENTATION
Dr. Namukolo Covic International Food Policy Research Institute (IFPRI)	Framing transformational leadership as distinct from capacity building
PANELISTS	PRESENTATIONS
Mrs. Agnes Mukamana Nduguye SUNLEAD, Rwanda	SUNLEAD transforming district level multisectoral teams
Dr. Simone Frey European Nutrition Leadership Platform (ENLP), Bioanalyt	Two key outcomes of the European Nutrition Leadership Platform (ENLP) leadership training in Europe
Ms. Oluwatoyin Oyekenu, Save the Children (SC)	Multisectoral teams vs collaborative teams
Dr. Richmond Aryeetey University of Ghana	Successful program implementation — what does it take?



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TUESDAY

→ CONCURRENT SESSIONS / LATE AFTERNOON

4:00 TO 5:30

RM: GRAN CANCÚN

GLOBAL COVERAGE OF MICRONUTRIENT INTERVENTIONS

MODERATOR: DR. RAHUL RAWAT, BILL & MELINDA GATES FOUNDATION (BMGF)

	SPEAKERS	PRESENTATIONS
4:00	Dr. Aashima Garg United Nations Children's Fund (UNICEF)	What are children eating? Global overview of infant and young child feeding programs and home fortification programs using micronutrient powder
4:20	Ms. Valerie Friesen Global Alliance for Improved Nutrition (GAIN)	Assessing coverage of large-scale food fortification interventions: fortification assessment coverage tool (FACT) results and implications
4:40	Ms. Julia Krasevec United Nations Children's Fund (UNICEF)	Global coverage of salt iodization and vitamin A supplementation programs
5:00	Dr. Aynah Janmohamed Helen Keller International (HKI)	Determinants of vitamin A supplementation coverage for children 6-59 months in thirteen sub-Saharan African countries: results from 45 post-event coverage surveys
	DISCUSSANT	
5:15	Dr. Rafael Flores-Ayala U.S. Centers for Disease Control and Prevention (CDC)	

4:00 TO 5:30

RM: COZUMEL 1 & 5

INTERVENTIONS TO INCREASE MICRONUTRIENTS IN BREASTMILK

MODERATOR: DR. LINDSAY ALLEN, USDA-ARS WESTERN HUMAN NUTRITION RESEARCH CENTER (WHNRC)

DEEP DIVE

	SPEAKERS	PRESENTATIONS
4:00	Dr. Setareh Shahab-Ferdows USDA-ARS Western Human Nutrition Research Center (WHNRC)	Interventions with LNS in Ghana and Malawi (iLiNS and BAN)
4:20	Ms. Kamilla Ericksen Human Nutrition Research, Cambridge	Effects of maternal multiple micronutrient supplementation in The Gambia
4:40	Dr. Sophie Moore Human Nutrition Research, Cambridge	Is maternal supplementation effective for increasing micronutrients in breast milk?
5:00	Dr. Kyly Whitfield Mount Saint Vincent University	Thiamin-fortified fish sauce: a novel means of increasing erythrocyte and breast milk thiamin concentrations among rural Cambodian women and their infants
5:15	Dr. Asmaa El Hamdouchi CNESTEN-IbnTofail University	Combined consumption of a single high-dose vitamin A supplement and provision of vitamin A fortified oil to households maintains adequate milk retinol concentrations for 6 months in lactating Moroccan women

TUESDAY

4:00 TO 5:30

RM: COZUMEL 4

FILLING THE DATA VOID IN NUTRITION SURVEILLANCE

MODERATOR: DR. OMAR DARY, UNITED STATES AGENCY FOR INTERNATIONAL DEVELOPMENT (USAID)

	SPEAKERS	PRESENTATIONS
4:00	Dr. Omar Dary United States Agency for International Development (USAID)	Introduction
4:05	Dr. Hana Bekele World Health Organization (WHO) Africa	World Health Organization (WHO) nutrition surveillance experience in African countries
4:25	Dr. Maria Elena Jefferds U.S. Centers for Disease Control and Prevention (CDC)	U.S innovations in surveillance and research for understanding early child feeding
4:45	Dr. Abigail Perry Department for International Development (DFID)	International initiatives to strengthen nutrition information platforms
5:05	Dr. Chris Osa. Isokpunwu Federal Ministry of Health, Nigeria	Nigeria's annual SMART survey and multiple deprivation analysis: a planning, advocacy and accountability tool for health and nutrition programming
5:15	DISCUSSION	

4:00 TO 5:30

RM: XCARET 1

HOW HAS THE ARRIVAL OF THE SDGS CHANGED FINANCING FOR NUTRITION?

MODERATOR: DR. KLAUS KRAEMER, SIGHT AND LIFE

	SPEAKERS	PRESENTATIONS
4:00	Dr. John McArthur Brookings Institute	The changing funding environment for nutrition
	Dr. Sue Horton Waterloo University	Why investing in micronutrients should be prioritized
	Dr. Katharine Kreis PATH	Innovation in models for micronutrient accessibility
	Dr. Laurette Dubé McGill University	What we have achieved from our investments in micronutrients?
	Mr. Pragya Mathema United Nations Children's Fund (UNICEF) Nigeria	Estimating the investment required and expected economic returns of scaling up micronutrient powders in Nigeria



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TUESDAY

4:00 TO 5:30

RM: TULUM 1 & 2

CLIMATE CHANGE AND MICRONUTRIENT NUTRITION

MODERATOR: DR. PATRICK WEBB, TUFTS UNIVERSITY

	SPEAKERS	PRESENTATIONS
4:00	Dr. Jessica Fanzo Johns Hopkins University (JHU)	Climate change and effects on health
4:20	Dr. Keith Wiebe International Food Policy Research Institute (IFPRI)	Climate change and food production
4:40	TBC	Climate change and food composition
PANEL & DISCUSSION		
5:00	Dr. Patrick Webb Tufts University	Global Panel—wrap-up and discussion of policy implications

5:30 TO 7:00

ROOMS ↓

SPONSORED SYMPOSIA

Sight and Life	The future of micronutrient innovation: Elevator Pitch Contest	COZUMEL 3
HarvestPlus	PROGRESS IN SCALING UP BIOFORTIFICATION Moderated by 2016 World Food Prize Winner Howarth Bouis, this symposium will highlight exciting examples of how biofortification programs have been implemented and scaled up in a variety of settings. Following the symposium, attendees will be ushered to a special cocktail event where the new CEO of HarvestPlus, Beverley Postma, will be introduced.	TULUM 1 & 2
U.S. Centers for Disease Control and Prevention (CDC) and the World Health Organization (WHO)	Optimal red blood folate concentration in women of reproductive age for prevention of neural tube defects: new guidelines and applications in low, medium and high income countries	COZUMEL 2
Rainer Gross Award		COZUMEL 4

7:00 TO 8:00

RM: GRAN CANCÚN

POSTER COCKTAIL RECEPTION AND PRESENTATIONS

SPONSORED BY SIGHT AND LIFE

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WEDNESDAY

→ PLENARY / MORNING

8:30 TO 10:00

RM: GRAN CANCÚN



USE OF EVIDENCE FOR THE DESIGN AND IMPROVEMENT OF PROGRAMS: MEXICAN EXPERIENCE

MODERATOR: THANIA DE LA GARZA NEGRETE, NATIONAL COUNCIL FOR THE EVALUATION OF SOCIAL DEVELOPMENT POLICY (CONEVAL)

	SPEAKERS	PRESENTATIONS
8:40	Dr. Juan Angel Rivera Dommarco National Institute of Health (INSP), Mexico	History in the use of evidence for improving the design of the national conditional cash transfer program in Mexico
8:55	Mr. Daniel Aceves National Center for Social Protection in Health (CNPSS)	Improving children's nutrition in the context of a conditional cash transfer program
9:10	Q&A	
9:20	Dr. Anabelle Bonvecchio National Institute of Health (INSP), Mexico	Addressing the double burden of malnutrition through a national behavioral change strategy
9:35	Ms. Ana María Pineda Reyes Liconsá	Providing micronutrients through a milk distribution program
9:50	Q&A	

→ CONCURRENT SESSIONS / MORNING

10:30 TO 12:00

RM: TULUM 1 & 2

ADVANCES IN PROGRAM MONITORING

MODERATOR: DR. ALISON TUMILOWICZ, GLOBAL ALLIANCE FOR IMPROVED NUTRITION (GAIN)

	SPEAKERS	PRESENTATIONS
10:30	Dr. Alain B. Labrique, Johns Hopkins University (JHU)	What works and what doesn't work with mHealth
10:50	Dr. Chowdhury Jalal Micronutrient Initiative (MI)	Monitoring coverage of micronutrient programs in Ethiopia and Kenya: lessons learned from using Large Country Lot Quality Assurance Survey (LC LQAS) methodology
11:05	Mr. Greg S. Garrett Global Alliance for Improved Nutrition (GAIN)	Modelling the consumption of iodized salt through processed foods, and implications for USI programming



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WEDNESDAY

11:20	Dr. Richa Pandey United Nations Children's Fund (UNICEF) India	Using strategic partnerships and external real-time monitoring to improve adolescent micronutrient programmes in India's largest state — Uttar Pradesh
11:35	Dr. Stella Nordhagen Helen Keller International (HKI) Senegal	Fostering change: using monitoring to iteratively improve project implementation
11:50	Dr. Annette Imohe United Nations Children's Fund (UNICEF) Nigeria	Application of innovation to enhance national Maternal, Neonatal and Child Health Week (MNCHW) in Nigeria — Real time monitoring and reporting using SMART tablets and follow up on corrective response using SMS platform

10:30 TO 12:00

RM: COZUMEL 2

MICRONUTRIENT INTERVENTIONS TO IMPROVE CHILD DEVELOPMENT

MODERATORS: DR. MANDANA ARABI, GLOBAL ALLIANCE FOR IMPROVED NUTRITION (GAIN) AND MTRA. THANYA SOFIA LABRADA ALBA, UN KILO DE AYUDA

	SPEAKERS	PRESENTATIONS
10:30	Dr. Beth Prado USA	ILINS studies in Burkina Faso, Ghana and Malawi
10:50	Dr. Marius Smuts South Africa	Tswaka trial on complementary foods in South Africa
11:10	Dr. Beverly Biggs Monash University, Melbourne	Effects of maternal micronutrient powders and iron supplements on child development in Vietnam
11:30	Dr. Lindsey Locks Harvard University	The effect of daily zinc and/or multivitamin supplementation on early childhood development in Tanzania: results from a randomized controlled trial

10:30 TO 12:00

RM: COZUMEL 3

EFFECTIVENESS OF LARGE-SCALE FORTIFICATION

MODERATOR: DR. MARY SERDULA, U.S. CENTERS FOR DISEASE CONTROL AND PREVENTION (CDC)

	SPEAKERS	PRESENTATIONS
10:30	Dr. Emily Keats The Hospital for Sick Children	Systematic evidence review and program analysis of large-scale fortification efforts for improving health outcomes in low and middle income countries
10:45	Mrs. Ning Pribadi Indonesia Food Fortification Foundation (KFI)	Effectiveness of edible oil fortification in Indonesia
11:05	Dr. Ramadhani Abdallah Noor African Academy of Public Health (AAPH), Tanzania, and Harvard T. Chan School of Public Health (HSPH)	Folic acid fortification of wheat flour increases folate levels among women of reproductive age in Tanzania

WEDNESDAY

11:25 **Ms. Mireya Palmieri**
Instituto de Nutrición de Centro
América y Panamá (INCAP) Reduction in anemia and iron deficiency among young children and women
in Guatemala: 1995–2015

11:45 **Dr. Helena Pachon**
Food Fortification Initiative (FFI) Challenges of measuring biological impact in food fortification

11:55 **DISCUSSION**

10:30 TO 12:00

RM: COZUMEL 1 & 5

NAVIGATING VITAMIN A SUPPLEMENTATION (VAS) DECISIONS IN DIFFERENT CONTEXTS

MODERATOR: DR. ROLF KLEMM, HELEN KELLER INTERNATIONAL (HKI) AND JOHNS HOPKINS UNIVERSITY (JHU)

SPEAKERS PART A		PRESENTATIONS
10:30	Dr. Erin McLean United Nations Children's Fund (UNICEF) New York	Mortality trends and data gaps: implications for vitamin A supplementation
10:45	Ms. Alison Greig Micronutrient Initiative (MI)	A framework for shifting from universal VAS toward sustainable elimination of vitamin A deficiency
10:55	Ms Dora Inés Mazariegos Cordero Instituto de Nutrición de Centroamérica y Panamá	Changes to the vitamin A supplementation distribution program in Guatemala due to evidence of improved vitamin A status among children
SPEAKERS PART B		PRESENTATIONS
11:05	Ms. Nita Dalmiya United Nations Children's Fund (UNICEF) Senegal	The changing programme landscape: implications for VAS delivery platforms and VAS coverage
11:20	Dr. Sospeter Gatobu Micronutrient Initiative (MI)	Cost-effectiveness of transitioning from child health days in Senegal and Ethiopia to routine
11:30	Mr. David Doledec Helen Keller International (HKI)	Vitamin A supplementation (VAS) through facility-plus-outreach costs less and achieves comparable coverage compared with door-to-door distribution
11:40	Dr. Deepika Mehrish Sharma United Nations Children's Fund (UNICEF)	Traversing the last mile to reach excluded children with vitamin A supplementation (VAS): use of mHealth strategy for improved coverage in geographically difficult terrain
11:45	Q&A	



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TRACK 1 Measuring and
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WEDNESDAY

10:30 TO 12:00

RM: GRAN CANCÚN

ADOLESCENT NUTRITION: ACHIEVEMENTS, CHALLENGES AND FUTURE ACTIONS**DEEP DIVE**MODERATORS: DR. JACQUELINE KUNG'U, MICRONUTRIENT INITIATIVE (MI) AND
DR. MARTHA KAUFER, COLEGIO MEXICANO DE NUTRIÓLOGOS (CMN)

	SPEAKERS	PRESENTATIONS
10:30	Dr. J.H. Rah United Nations Children's Fund (UNICEF)	Why is adolescent nutrition important? A review of the evidence base
10:45	Ms. Julie Ruel-Bergeron Johns Hopkins University (JHU)	A review of delivery platforms for reaching adolescent girls with micronutrient interventions in four low and middle-income countries
11:00	Ms. Jennifer Busch-Hallen Micronutrient Initiative (MI)	Tackling growing pains: advancing large scale nutrition programs for adolescent girls
11:15	Dr. Usha Ramakrishnan Emory University	Current experiences delivering micronutrient interventions to adolescent girls: lessons learned and gaps
11:30	Dr. Rehana A. Salam Aga Khan University	Nutrition interventions for pregnant adolescents: a systematic review and meta-analysis

10:30 TO 12:00

RM: COZUMEL 4

**ENSURING HIGH COVERAGE AND QUALITY OF MICRONUTRIENT INTERVENTIONS:
WHAT IS NEEDED FROM THE HEALTH SYSTEM? — PANEL DISCUSSION**

MODERATOR: DR. EMORN UDOMKESMALEE, MAHIDOL UNIVERSITY, THAILAND

	PANELISTS	PRESENTATIONS
	Dr. Stephen Vosti University of California, Davis	Priority setting—potential of economic optimization modelling to help design cost-effective programs
	TBC	Health systems strengthening improves equity: progress in Odisha
	Dr. Alejandria Villa Commission for Protection in Health Secretary of Health, Mexico	Logistics—forecasting, procurement, product, distribution systems
	Dr. Anabelle Bonvecchio National Institute of Health (INSP), Mexico	Development and scale-up of effective nutrition training in the health sector
	Dr. Saul Morris Children's Investment Fund Foundation (CIFF)	Monitoring—equipping systems to track effective coverage of micronutrient programs

12:00 TO 1:00 / LUNCH BREAK

WEDNESDAY

12:00 TO 2:00

RM: TULUM 1 & 2

LEARNING CENTRES

PATH

Contributions of civil society organizations (CSOs) in generating evidence for nutrition-specific and nutrition-sensitive interventions: what it takes to conduct an impact evaluation in local settings, challenges, and lessons learned

1:00 TO 2:00

RM: GRAN CANCÚN

POSTER PRESENTATIONS

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→ PLENARY / EARLY AFTERNOON

2:00 TO 3:30

RM: GRAN CANCÚN

**UPDATED PREVALENCE OF ANEMIA, IRON DEFICIENCY AND VITAMIN A DEFICIENCY IN SETTINGS OF INFLAMMATION AND GLOBALLY: KEY FINDINGS FROM THE BRINDA PROJECT**

MODERATOR: DR. RAFAEL FLORES-AYALA, U.S. CENTERS FOR DISEASE CONTROL AND PREVENTION (CDC)

	SPEAKERS	PRESENTATIONS
2:00	Dr. Parminder Suchdev Emory University and U.S. Centers for Disease Control and Prevention (CDC)	Overview of the biomarkers reflecting inflammation and nutritional determinants of anemia (BRINDA) project
2:15	Dr. Sorrel Namaste Strengthening Partnerships, Results and Innovation in Nutrition Globally (SPRING)	Approaches to adjust iron biomarkers for inflammation: implications for estimating prevalence of iron deficiency
2:30	Ms. Leila Larson Emory University	Approaches to adjust retinol/RBP for inflammation: implications for estimating prevalence of vitamin A deficiency
2:45	Dr. Reina Engle-Stone University of California, Davis	Predictors of anemia among women and preschool children in settings with varying burdens of infectious disease
3:00	Dr. Lisa Rogers World Health Organization (WHO)	BRINDA findings and global prevalence estimates: programmatic, policy and research implications
MODERATED Q&A		
3:15	Dr. Rafael Flores-Ayala U.S. Centers for Disease Control and Prevention (CDC)	

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→ CONCURRENT SESSIONS / LATE AFTERNOON

4:00 TO 5:30

RM: COZUMEL 4

VITAMIN D IN PREGNANCY AND INFANCY: IMPLICATIONS FOR MATERNAL AND CHILD HEALTH

MODERATOR: DR. DAN ROTH, UNIVERSITY OF TORONTO

4:00	Dr. Dan Roth University of Toronto	Introduction
	SPEAKERS	PRESENTATIONS
4:05	Dr. Cristina Palacios University of Puerto Rico	Vitamin D supplementation in pregnancy: an updated systematic review
4:20	Dr. Alison Gernand Pennsylvania State University	Role of vitamin D in placental function and risk of preeclampsia
4:35	Dr. Tim Green South Australia Health and Medical Research Institute and University of Adelaide	Vitamin D and calcium supplementation to reduce pre-eclampsia: resolving the controversy through a 2x2 randomised trial
4:50	Dr. Hope Weiler McGill University	Normalization of vitamin D status with 1200 IU of vitamin D daily supports a leaner body mass phenotype in young infants
	DISCUSSION	
5:00	Dr. Dan Roth University of Toronto	Panel discussion on future of vitamin D in pregnancy, lactation and infancy

4:00 TO 5:30

RM: COZUMEL 1 & 5

EFFECTS OF IRON SUPPLEMENTATION ON MALARIA AND THE GUT MICROBIOMEMODERATORS: DR. RITA WEGMULLER, MRC GAMBIA AND
DR. SALVADOR VILLALPANDO, NATIONAL INSTITUTE OF PUBLIC HEALTH (INSP), MEXICO

	SPEAKERS	PRESENTATIONS
4:00	Dr. Carla Cerami University of North Carolina	Update on iron-malaria interactions
4:25	Dr. Martin Mwangi Wageningen University (WU)	Iron supplementation in pregnancy does not increase risk of malaria
4:50	Dr. Michael Zimmermann Federal Institute of Technology (ETH), Zurich	Iron's effects on the gut microbiome, and optimal dose of iron
	DISCUSSANT	PRESENTATION
5:15	Dr. Rita Wegmuller MRC Gambia	Implications for policy

WEDNESDAY

4:00 TO 5:30

RM: COZUMEL 3

SHOULD THERE BE REGIONAL GUIDELINES FOR NEWBORN VITAMIN A SUPPLEMENTATION?

MODERATOR: DR. ROLF KLEMM, HELEN KELLER INTERNATIONAL (HKI) AND JOHNS HOPKINS UNIVERSITY (JHU)

SPEAKERS	PRESENTATIONS
Dr. Lisa Rogers World Health Organization (WHO)	Meta-analysis of newborn vitamin A supplementation trials
DEBATERS	
Dr. Sam Newton Kwame Nkrumah University of Science and Technology, Ghana	Take newborn vitamin A supplementation off the table
Dr. Keith West Johns Hopkins University (JHU), USA	Newborn vitamin A supplementation saves lives
DISCUSSANT	
Dr. Emorn Udomkesmalee Mahidol University, Thailand	

4:00 TO 5:30

RM: TULUM 1 & 2

MEETING MICRONUTRIENT NEEDS DURING EMERGENCIES

MODERATOR: MS. RUTH SITUMA, UNITED NATIONS CHILDREN'S FUND (UNICEF), NEW YORK

	SPEAKERS	PRESENTATIONS
4:00	Ms. Ruth Situma United Nations Children's Fund (UNICEF), New York	Introduction to session and options to ensure adequate intake of micronutrients for different population groups during emergencies
4:10	Ms. Giulia Baldi World Food Programme (WFP) Rome, Italy	Operationalizing access to essential (micro)nutrients during emergencies and beyond
4:30	Mr. Giriraj Subedi Nepal Ministry of Health and Population	Child nutrition week (CNW) in Nepal in response to earthquake emergency (28 June to 4 July, 2015)



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WEDNESDAY

4:45 **Dr. Mary Hodges**
Helen Keller International (HKI),
Sierra Leone
Attendance for essential nutrition actions during the Ebola emergency demonstrate resilience when fully integrated maternal and child health services were available in Freetown, Sierra Leone

5:00 **Mr. Carlos Grijalva-Eternod**
University College London (UCL)
Haemoglobin concentration in non-pregnant women is associated with household diet diversity measured using a 7-day but not a 24h recall period: evidence from the REFANI-N study

5:15 **GENERAL DISCUSSION**

4:00 TO 5:30

RM: COZUMEL 2

WHAT WORKS TO IMPROVE INFANT AND YOUNG CHILD NUTRITION PRACTICES

MODERATOR: DR. EVA MONTERROSA, SIGHT AND LIFE

	SPEAKERS	PRESENTATIONS
4:00	Dr. Mekonnen Tesfamariam Catholic Relief Services, Ethiopia	Drips of change through keyhole and home gardens: supporting improved dietary diversity to pregnant and lactating women and children under five coupled with social behavior change communication and community mobilization
4:20	Mr. Mahamadou Tanimoune World Food Programme (WFP), Rwanda	Provision of micronutrient fortified foods alongside nutrition education enhances achievement of dietary diversity in children under 2 years
4:40	Dr. Dian Nurcahyati Hadihardjono Helen Keller International (HKI), Indonesia	Changes in food consumption and household food insecurity as a result of implementation of enhanced homestead food production in one district in West Timor, Indonesia
5:00	Ms. Fanny Sandalinas United Nations Children's Fund (UNICEF)	Impact of an integrated infant and young child feeding program including daily use of small quantity lipid-based nutrient supplement on infant and young child feeding practices in Katanga, Democratic Republic of Congo
5:20	DISCUSSION/Q&A	

WEDNESDAY

4:00 TO 5:30

RM: GRAN CANCÚN

EFFECTIVE POLICIES AND DELIVERY PLATFORMS TO REACH WOMEN OF REPRODUCTIVE AGE**DEEP DIVE**

MODERATOR: DR. PARUL CHRISTIAN, BILL & MELINDA GATES FOUNDATION (BMGF)

SPEAKERS	PRESENTATIONS
Dr. Parul Christian Bill & Melinda Gates Foundation (BMGF)	Introduction
Dr. Saskia de Pee World Food Programme (WFP), Italy	Nutrition for adolescent girls and women, including during pregnancy: from evidence-based guidelines to policies for implementation
Dr. Stephen Hodgins Save the Children, USA	Current status of ANC in health care systems and delivery of nutrition interventions — global overview
Dr. Garret Mehl World Health Organization (WHO), Geneva	Current experiences delivering micronutrient interventions to adolescent girls: lessons learned and gaps
Dr. Phuong Nguyen International Food Policy Research Institute (IFPRI)	Factors influencing the utilization of maternal nutrition interventions in a large scale MNCH program in Bangladesh
Dr. Sheila C. Vir Public Health Nutrition and Development Centre, India	Improving maternal nutrition through self help groups (SHG) of women — experience from India

Q&A

7:00

LOCATION: IBEROSTAR HOTEL

GALA DINNER

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→ PLENARY / MORNING

8:30 TO 10:00

RM: GRAN CANCÚN



TRANSFORMING THE ENABLING ENVIRONMENT TO FORGE A FUTURE FOR MICRONUTRIENTS — WHAT WILL IT TAKE?

MODERATORS: MS. GERDA VERBURG, SCALING UP NUTRITION MOVEMENT (SUN) COORDINATOR AND MTRO. CÉSAR RAMOS, UNIVERSIDAD DE GUADALAJÁRA (UDG)

	SPEAKERS	PRESENTATIONS
8:30	Dr. Lawrence Haddad Global Alliance for Improved Nutrition (GAIN)	Transforming the enabling environment to forge a future for micronutrients — what will it take?
	PANELISTS	PRESENTATIONS
9:00	Ms. Jane Badham JB Consultancy	Transformational leadership
	Mr. Joel Spicer Micronutrient Initiative (MI)	The role of advocacy and communication
	Ms. Inge Kauer Access to Nutrition Foundation (ACF)	Private sector and accountability
	Mr. Martin Short Power of Nutrition	Financing models
	Dr. Eileen Kennedy Tufts University	Governance

→ CONCURRENT SESSIONS / MORNING

10:30 TO 12:00

RM: COZUMEL 1 & 5

NEW TECHNOLOGIES FOR ASSESSMENT OF MICRONUTRIENT STATUS

MODERATOR: DR. JANET KING, CHILDREN'S HOSPITAL OAKLAND RESEARCH INSTITUTE (CHORI)

	SPEAKERS	PRESENTATIONS
10:30	Prof. John Beattie University of Aberdeen	New “-omics” approaches for micronutrient status biomarker discovery
10:45	Dr. Marc Hellerstein University of California, Berkeley	Use of flux proteomics and ‘virtual biopsy’ to assess micronutrient requirements and identify novel biomarkers of micronutrient status
11:00	DISCUSSION	

THURSDAY

	SPEAKERS	PRESENTATIONS
11:10	Dr. Neal Craft Craft Technologies	New methods for collecting, processing and transporting biological specimens for micronutrient status assessment
11:12	Dr. David Boyle PATH	New multiplex ELISA assay for assessing micronutrient status biomarkers
11:24	Dr. Balaji Srinivasan Cornell University	A smartphone-based point-of-care ferritin biosensor for assessment of iron deficiency
11:36	Dr. Joseph Kehayias Tufts University	Evaluation of X-ray fluorescence for the assessment of zinc in fingernails
11:48	DISCUSSION	
10:30 TO 12:00		RM: GRAN CANCÚN

RISK BENEFIT OF MICRONUTRIENT INTERVENTIONS

MODERATOR: DR. ADRIAN GHEORGHE, LONDON SCHOOL OF HYGIENE AND TROPICAL MEDICINE (LSHTM)

	SPEAKERS	PRESENTATIONS
10:30	Dr. Adrian Gheorghe London School of Hygiene and Tropical Medicine (LSHTM)	Introduction
10:40	Dr. Sant-Rayn Pasricha University of Oxford	IUNS/MNF — risk benefits of iron supplementation for children
11:10	Dr. Ken Brown Bill & Melinda Gates Foundation (BMGF)	Benefits and risks of vitamin A intervention programs
11:30	Dr. Frank Wieringa Copenhagen University, Denmark	Fortification with multiple micronutrients might result in opposing health effects
11:45	DISCUSSION	
	Dr. Adrian Gheorghe London School of Hygiene and Tropical Medicine (LSHTM)	



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10:30 TO 12:00

RM: COZUMEL 3

INNOVATIONS IN NUTRITION-SENSITIVE PROGRAMS TO ADDRESS MICRONUTRIENT DEFICIENCIES: DESIGN, IMPLEMENTATION AND EFFECTIVENESS

MODERATORS: DR. MARIE RUEL, INTERNATIONAL FOOD POLICY RESEARCH INSTITUTE (IFPRI) AND DR. JEF L. LEROY, INTERNATIONAL FOOD POLICY RESEARCH INSTITUTE (IFPRI)

	SPEAKERS	PRESENTATIONS
10:30	Mr. Haribondhu Sarma ICDDR,B	The role of concurrent evaluation in course correction of intervention during implementation: the experience of market-based home fortification in Bangladesh
10:42	Ms. Kristina D. Michaux University of British Columbia	The impact of homestead food production (HFP) with or without fishponds (HFP+F) on dietary diversity, dietary intake, nutritional biochemical indicators, and anthropometry in Prey Veng Province, Cambodia
10:54	Dr. Shibani Ghosh Tufts University	Rising production and consumption of fruit, vegetables and animal source foods associated with nutrition sensitive integrated programming in Nepal
11:06	Dr. Amy Webb Girard Emory University	An integrated agriculture, nutrition and health project promoting orange flesh sweet potato during pregnancy and the early postpartum period increased maternal nutrition knowledge, vitamin A intakes and nutritional status of women in Western Kenya
11:18	Dr. Jef L. Leroy International Food Policy Research Institute (IFPRI)	Tubaramure, a food-assisted integrated health and nutrition program in Burundi improves maternal and child hemoglobin levels and reduces anemia: a theory-based cluster-randomized controlled intervention trial
11:30	Dr. Deanna Olney International Food Policy Research Institute (IFPRI)	The impact of lipid-based nutrition supplements and micronutrient Sprinkles delivered through a food-assisted health and nutrition program on child linear growth in Guatemala
11:42	DISCUSSION	

10:30 TO 12:00

RM: COZUMEL 2

ECONOMICS OF DEMAND

MODERATOR: DR. MARTI VAN LIERE, GLOBAL ALLIANCE FOR IMPROVED NUTRITION (GAIN)

10:30	Dr. Marti van Liere Global Alliance for Improved Nutrition (GAIN)	Introduction
	SPEAKERS	PRESENTATIONS
10:35	Mr. Matthew Willcox Institute of Decision Making	When it comes to marketing there is one P that is more important than the 4Ps. How insights from the psychology of choice should set the agenda for price, product, promotion and place
11:00	(TBC)	Price response and price policies and micronutrient rich foods

THURSDAY

11:20	Mr. Ricardo Jorge Dos Santos Lobo Action Against Hunger	Conditional cash transfers and their impact on micronutrient outcomes (Placement)
11:40	Dr. Rudaba Khondker Global Alliance for Improved Nutrition (GAIN), Bangladesh	How to combine the 4Ps in a programmatic approach: driving demand of multiple micronutrient powders as part of optimal IYCN in Bangladesh

10:30 TO 12:00

RM: COZUMEL 4

MICRONUTRIENTS IN THE CONTEXT OF THE NUTRITION TRANSITION

MODERATORS: DR. RICARDO UAUY, INTA-CHILE AND

MTRA. ROCIO ALVARADO CASAS, NATIONAL INSTITUTE OF PUBLIC HEALTH (INSP), MEXICO

	SPEAKERS	PRESENTATIONS
10:30	Dr. Daniel López de Romaña Micronutrient Initiative (MI)/ Instituto de Investigación Nutricional (IIN)	Updating the evidence on micronutrient deficiencies in Latin America
10:45	Dr. Manuel Ruz Universidad de Chile	Two-year zinc supplementation in type 2 diabetes: a randomized clinical trial in Chile
11:00	Dr. Ricardo Uauy INTA-Chile	Food systems (or diets) for the prevention of malnutrition in all forms
11:15	Dr. Olga Patricia García Obregón Universidad Autónoma de Querétaro (UAQ)	Consequences of micronutrient deficiencies in obese populations
11:30	Dr. Teresita González de Cosío Universidad Iberoamericana (UIA)	Lactation performance in obese women and potential effects on nutritional status of their children
11:45	Q&A	

10:30 TO 12:00

ROOMS ↓

SPONSORED SYMPOSIA

Sociedad Latinoamericana de Nutrición (SLAN) and Instituto de Nutrición de Centro América y Panamá (INCAP)	Recognition of the work of Dr. Guillermo Arroyave and Dr. Fernando Viteri (TBC)	TULUM 1 & 2
World Food Programme (WFP)	Building the global roadmap for scaling up rice fortification	XCARET 1

12:00 TO 1:00 / LUNCH BREAK



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1:00 TO 2:00

RM: XCARET 1

LEARNING CENTRE

U.S. Centers for Disease Control and Prevention (CDC), UNICEF, Home Fortification Technical Advisory Group (HF-TAG), Global Alliance for Vitamin A (GAVA), Micronutrient Initiative (MI), World Health Organization (WHO), and Global Alliance for Improved Nutrition (GAIN)

Interactive demonstration of new tools and resources to implement and monitor micronutrient programs

1:00 TO 2:00

RM: GRAN CANCÚN

POSTER PRESENTATIONS

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→ PLENARY /EARLY AFTERNOON

2:00 TO 3:30

RM: GRAN CANCÚN



**HAVE MICRONUTRIENT POWDER PROGRAMS SCALED UP TOO QUICKLY
(HAVE THE PROGRAMS COME BEFORE THE EVIDENCE)? — DEBATE**

MODERATOR: DR. MARIA ELENA JEFFERDS, U.S. CENTERS FOR DISEASE CONTROL PREVENTION (CDC)

	DEBATERS	PRESENTATIONS
2:00	Dr. Stanley Zlotkin The Hospital for Sick Children (HSC)	Not too quickly
2:20	Dr. Omar Dary United States Agency for International Development (USAID)	Yes, too quickly
	DISCUSSANT	
2:40	Dr. Marie Ruel International Food Policy Research Institute (IFPRI)	
3:00	Q&A	

THURSDAY

→ CONCURRENT SESSIONS / LATE AFTERNOON

4:00 TO 5:30

RM: COZUMEL 3

NEW TECHNOLOGIES FOR DELIVERING MICRONUTRIENTS

MODERATOR: DR. KEN BROWN, BILL & MELINDA GATES FOUNDATION (BMGF)

	SPEAKERS	PRESENTATIONS
4:00	Dr. Dora Pereira University of Cambridge	New compounds for safer delivery of supplemental iron
4:20	Ms. Aviva Rappaport University of British Columbia	The efficacy of the Lucky Iron Fish™ in-home fortification of iron to improve hemoglobin concentration in rural Cambodian women: a randomized control trial
4:35	Dr. Ana Jaklenec Massachusetts Institute of Technology (MIT)	New approaches for delivering multiple micronutrients in fortified food
4:55	Ms. Laura Hackl Federal Institute of Technology (ETH), Zurich	Evaluation of iron and zinc bioavailability from fortified rice using coating, hot and cold extrusion: human stable isotope studies
5:10	Dr. Prosper Kujinga, Wagenigen University (WU) and University of Zimbabwe	Daily consumption of zinc fortified water increases daily zinc intake and improves overall morbidity from common childhood infections in rural Kenyan children: a randomized, controlled effectiveness trial
5:25	DISCUSSION	



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4:00 TO 5:30

RM: COZUMEL 4

NEW EFFICACY TRIALS OF BIOFORTIFIED CROPS — BEYOND BIOMARKERSMODERATOR: DR. VENKATESH MANNAR, UNIVERSITY OF TORONTO AND THE TATA TRUSTS
& TATA CORNELL INITIATIVE

	SPEAKERS	PRESENTATIONS
4:00	Dr. Jere Haas Cornell University	High iron beans: the Rwandan efficacy trial—improvement in iron status, physical activity and cognition
4:20	Prof. Sunil Sazawal Swami Vivekanand Subharti University, India	Efficacy of high zinc-biofortified wheat consumption on improvement of micronutrient status, and prevention of morbidity among preschool children (aged 4-6 years) and women of child bearing age—a double masked, randomized, controlled trial in India
4:40	Dr. Marjorie Haskell University of California, Davis	Provitamin A maize: effect on dark adaptation and breast milk retinol in rural Zambia
4:55	Ms. Boitshepo Bibi Giyose Food and Agriculture Organization (FAO)	World Health Organization (WHO)/Food and Agriculture Organization (FAO) external consultation proceedings on biofortification: brief communication
5:10	DISCUSSION	

4:00 TO 5:30

RM: COZUMEL 1 & 5

EFFECTIVENESS OF HOME FORTIFICATION PROGRAMS

MODERATOR: DR. SASKIA J.M. OSENDARP, MICRONUTRIENT INITIATIVE (MI)/WAGENINGEN UNIVERSITY (WU)

	SPEAKERS	PRESENTATIONS
4:00	Mr. Pradiumna Dahal United Nations Children's Fund (UNICEF) Nepal and Dr. Zuguo Mei U.S. Centers for Disease Control and Prevention (CDC)	Effectiveness of an integrated infant and young child feeding and micronutrient powder program in Nepal
4:15	Dr. Hermann Lanou Institut de recherche en science de la Santé (IRSS), The Institute of Tropical Medicine (ITM), Antwerp	Impact of a community-based IYCN intervention and MNPs on child growth, anemia and morbidity from infectious diseases in Burkina Faso
4:30	Ms. Aregash Samuel Ethiopian Public Health Institute (EPHI), Wageningen University (WU)	Effectiveness of a program intervention with reduced-iron micronutrient powders on morbidity, iron status and child growth in young children in Ethiopia

THURSDAY

4:45	Dr. Saskia J.M. Osendarp Micronutrient Initiative (MI), Wageningen University (WU)	Determinants of success in home fortification programs in Burkina Faso and Ethiopia
4:55	Ms. Katie Tripp U.S. Centers for Disease Control and Prevention (CDC)	Impact of an integrated infant and young child feeding program including daily use of small quantity lipid-based nutrient supplement on stunting and micronutrients status in young children in Katanga, DRC
5:10	Dr. Susana Matias University of California, Davis	Prenatal and postnatal supplementation with lipid-based nutrient supplements reduced anemia and iron deficiency in young Bangladeshi children

5:25 **Q&A**

4:00 TO 5:30

RM: COZUMEL 2

ARE WE TALKING THE LANGUAGE TO TURN EVIDENCE INTO POLICY AND PROGRAMS?

MODERATOR: MS. JANE BADHAM, JB CONSULTANCY

SPEAKERS	PRESENTATIONS
Dr. Jeannine Baumgartner North-West University, South Africa	What does the scientist hear?
Dr. David Chiriboga University of Massachusetts Medical School (former Minister of Public Health, Ecuador)	What a policy-maker hears from nutrition scientists?
Ms. Nelly Zavaleta Instituto de Investigación Nutricional	What civil society hears and doesn't hear from nutrition scientists?
Dr. Praween Kumar Agrawal United Nations Children's Fund (UNICEF)	The journey toward the first ever comprehensive national nutrition survey in India: creating an enabling environment
DISCUSSION	



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TRACK 1 Measuring and
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micronutrient status.

TRACK 2 Effects of
micronutrient interventions on
indicators and functional
outcomes.

TRACK 3 Scaling up
micronutrient interventions
in vulnerable populations:
bridging the gaps between
evidence and implementations.

TRACK 4 Transforming the
enabling environment to forge
a future for micronutrients—
what will it take?

■ Deep Dive

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Reception, Gala Dinner

■ Mexico and Latin American
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■ Keynotes

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THURSDAY

4:00 TO 5:30

RM: GRAN CANCÚN

THE CRITICAL ROLE OF CAPACITY FOR DELIVERING MICRONUTRIENT INTERVENTIONS — PANEL

MODERATOR: DR. NAMUKOLO COVIC, INTERNATIONAL FOOD POLICY RESEARCH INSTITUTE (IFPRI)

SPEAKERS	PRESENTATIONS
Dr. Stuart Gillespie International Food Policy Research Institute (IFPRI)	Framing: what do evaluations of micronutrient interventions tell us about critical capacity needs?
Dr. Jessica Fanzo Johns Hopkins University (JHU)	Framing: educating and training the workforce for nutrition for the future
PANELISTS	PRESENTATIONS
Prof. Patrick Kolsteren Ghent University	An academic perspective
(TBC)	An African country perspective
Ms. Laura Astete Robilliard	A Latin American country perspective
Dr. Elvina Karyadi Micronutrient Initiative (MI)	An Asian country perspective

5:30 TO 7:00

ROOMS ↓

SPONSORED SYMPOSIA

Tufts University	Hidden hunger in older adults: an urgent, yet preventable, global health and economic problem	COZUMEL 2
Nutrition Leadership Programmes	Meeting of the Nutrition Leadership Programmes	COZUMEL 4
Global Nutrition Report	Accelerating anemia reduction	COZUMEL 3

FRIDAY

→ PLENARY / MORNING

8:30 TO 10:00

RM: GRAN CANCÚN



IMPLEMENTATION SCIENCE IN NUTRITION: PURPOSES, FORMS, FUNCTIONS AND COUNTRY EXAMPLES

MODERATOR: MS. ANNE PENISTON, U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT (USAID)

	SPEAKERS	PRESENTATIONS
8:35	Ms. Anne Peniston U.S. Agency for International Development (USAID)	Introduction
8:40	Dr. David Pelletier Cornell University (CU) & Society for Implementation Science in Nutrition (SISN)	Implementation science in nutrition: forms and functions
9:00	Mrs. Patrizia Fracassi Scaling Up Nutrition Movement Secretariat (SUN)	Summary of implementation constraints, bottlenecks and priorities from a sample of Scaling Up Nutrition Movement (SUN) countries
	VIGNETTES	PRESENTATIONS
9:20	Ing. German Gonzalez Secretariat for Food Security & Nutrition (CONASAN)	Implementation research in practice: examples from Guatemala
9:25	Ms. Natsayi Nembaware Adventist Development and Relief Agency (ADRA)	Implementation research in practice: examples from sub-Saharan Africa
9:30	Dr. Richmond Ayreety University of Ghana (UG)	Implementation research in practice: examples from Ghana
9:35	Dr. Sunny Kim International Food Policy Research Institute (IFPRI)	Implementation research in practice: examples from India
	DISCUSSANT	
9:40	Dr. Rolf Klemm Helen Keller International (HKI) and Johns Hopkins University (JHU)	
9:55	Q&A	



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■ **TRACK 1** Measuring and interpreting information on micronutrient status.

■ **TRACK 2** Effects of micronutrient interventions on indicators and functional outcomes.

■ **TRACK 3** Scaling up micronutrient interventions in vulnerable populations: bridging the gaps between evidence and implementations.

■ **TRACK 4** Transforming the enabling environment to forge a future for micronutrients—what will it take?

■ Deep Dive

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■ Keynotes

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■ Learning Centres

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FRIDAY

→ CONCURRENT SESSIONS / MORNING

10:30 TO 12:00

RM: COZUMEL 2

DIETARY ASSESSMENT RE-IMAGINED USING INDIVIDUAL DIETARY INTAKE DATA FOR PROGRAM BASELINE AND IMPACT ASSESSMENTMODERATORS: DR. JOANNE E. ARSENAULT, UNIVERSITY OF CALIFORNIA, DAVIS AND
DRA. TERESA SHAMAH, NATIONAL INSTITUTE OF PUBLIC HEALTH (INSP), MEXICO

	SPEAKERS	PRESENTATIONS
10:30	Dr. Jennifer Coates Tufts University	Tools for individual level data collection and analysis of dietary intake of nutrients: current situation and gaps (based on the results of the INDDEx: to scale up and streamline dietary assessment in low-income countries)
10:45	Dr. Joanne E. Arsenault University of California, Davis	Diet-based metrics and indicators for use in programs (with focus on dietary diversity score)
11:00	Dr. Mourad Moursi International Food Policy Research Institute (IFPRI)	Technology-based tools for dietary assessment
11:15	Dr. Nancy Lopez National Institute of Public Health (INSP), Mexico	Mexico: national micronutrient survey results (lessons from large-scale implementation of dietary assessment in programs)
11:30	Dr. Laura Trijsburg Wageningen University (WU)	Comparison of duplicate portion and 24h recall as reference methods for validating a food frequency questionnaire using urinary markers as the estimate of true intake
11:45	DISCUSSION AND Q&A	

10:30 TO 12:00

RM: TULUM 1 & 2

IODINE NUTRITION DURING PERINATAL PERIOD AND EARLY CHILDHOOD

MODERATOR: DR. ROLAND KUPKA, UNITED NATIONS CHILDREN'S FUND (UNICEF), NY

	SPEAKERS	PRESENTATIONS
10:30	Dr. Maria Andersson Federal Institute of Technology (ETH), Zurich	Defining optimal iodine nutrition during infancy
10:55	Dr. Grace Marquis McGill University, Montreal	Salt iodization in Ethiopia and child development: intervention preconception, in infancy and pre-schoolers
11:20	Dr. Pattanee Winichagoon Mahidol University, Bangkok	Does iodine deficiency during pregnancy affect offspring cognitive development?
11:40	Dr. Nuriya Platonova Federal Endocrinology Research Center, Moscow	Influence of iron deficiency on the effectiveness of the prevention of iodine deficiency during pregnancy in the regions of the Russian Federation
	DISCUSSANT	
11:50	Dr. Roland Kupka United Nations Children's Fund (UNICEF), NY	

FRIDAY

10:30 TO 12:00

RM: COZUMEL 4

WHAT'S STOPPING YOU? ADDRESSING BARRIERS TO FOOD FORTIFICATION IMPLEMENTATION SUCCESS

MODERATOR: MS. SARAH ZIMMERMAN, FOOD FORTIFICATION INITIATIVE (FFI)

	SPEAKERS	PRESENTATIONS
10:30	Dr. Ian Darnton-Hill University of Sydney/Tufts University	Review of barriers to fortification implementation in countries
10:45	Ms. Karen Codling Iodine Global Network (IGN) & Food Fortification Initiative (FFI), Asia	Does providing free or subsidized fortificant facilitate sustainable food fortification? Experiences from salt and wheat flour fortification
10:50	Dr. Arijit Chakrabarty Global Alliance for Improved Nutrition (GAIN) India	How to integrate food-fortification programmatic monitoring into government's overall food control activities? Experience with salt fortification in India
11:00	Ms. Laura Rowe Project Healthy Children, USA	How to effectively collate, analyze and report fortification monitoring data? Malawi's experience with salt, sugar, wheat flour, and maize flour fortification
11:10	Mr. Peiman Milani PATH	How to overcome the challenges of scaling up food fortification? Two decades of experience with rice fortification
11:30	Ms. Becky Tsang Food Fortification Initiative (FFI) Asia	Public and private sector dynamics in scaling up rice fortification: the Colombian experience and its lessons
11:40	Q&A	

10:30 TO 12:00

COZUMEL 1 & 5

SCALING UP MICRONUTRIENT INTERVENTIONS TO REACH THE GLOBAL NUTRITION TARGETS: WHAT ARE THE COSTS, BENEFITS, AND SUSTAINABLE FINANCING OPTIONS?

DR. MEERA SHEKAR, WORLD BANK

	SPEAKERS	PRESENTATIONS
10:30	Dr. Jakub Kakietek World Bank	Costs and impacts of scaling-up vitamin A and prophylactic zinc supplementation programs
10:45	Mr. Dylan Walters University of Toronto	Costs and impacts of scaling-up anemia-prevention programs
11:00	Dr. Jack Clift Results for Development	Financing micronutrient programs: options and scenarios



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11:15 FACILITATED PANEL DISCUSSION

How realistic are these cost estimates and the financing options? What are the opportunities for additional financing (domestic, ODA and innovative financing)? How can we maximize accountability and better track financial resources available for the micronutrient interventions?

Dr. Ferew Lemma
Ministry of Health, Ethiopia

Dr. Obey Assery-Nkya
Office of the Prime Minister
United Republic of Tanzania

Dr. Ellen Piwoz
Bill & Melinda Gates Foundation
(BMGF) TBC

11:40 Q&A

10:30 TO 12:00

COZUMEL 3

OPENING THE DOOR TO THE NEXT GENERATION OF PARTNERSHIPS

MODERATOR: DR. MANDANA ARABI, GLOBAL ALLIANCE FOR IMPROVED NUTRITION (GAIN)

	SPEAKERS	PRESENTATIONS
10:30	Dr. Mandana Arabi Global Alliance for Improved Nutrition (GAIN)	Partnerships for international development: when to partner, with what objectives, and what are the real costs?
10:45	Dr. J.B. Cordaro Mars Incorporated	The way forward for public-private partnerships: possibilities and challenges from the private sector side
11:00	Dr. Garrett Mehl World Health Organization (WHO)	Reaching out to innovative opportunities for nutrition
11:15	Ms. Florencia Vasta Bill & Melinda Gates Foundation	A novel model of pre-competitive public-private collaboration for nutrition research for vulnerable populations

11:30 DISCUSSION AND Q&A

10:30 TO 12:00

RM: GRAN CANCÚN

INTERVENTION MIX: DETERMINING POLICIES WITH AND WITHOUT DATA

MODERATORS: DR. LAWRENCE HADDAD, GLOBAL ALLIANCE FOR IMPROVED NUTRITION (GAIN) AND DR. BERENICE GAONA, NATIONAL INSTITUTE OF HEALTH (INSP), MEXICO

	SPEAKERS	PRESENTATIONS
10:30	Dr. Rajendra Prasad Pant Nepal Ministry of Health and Population	Nepal case study

FRIDAY

10:55 **Dr. Juan Angel Rivera Dommarco**
National Institute of Public Health
(INSP), Mexico Mexico case study

DISCUSSANT

11:20 **Mr. Shawn Baker**
Bill & Melinda Gates Foundation
(BMGF)

11:35 **Q&A**

12:00 TO 1:00 / LUNCH BREAK

12:00 TO 2:00

ROOMS ↓

SPONSORED SYMPOSIA

**The Government of Nigeria and
the United Nations Children's Fund
(UNICEF) Nigeria**

Scaling up micronutrient interventions in Nigeria: one vision and
plan for collective action

COZUMEL 3

12:00 TO 2:00

RM: XCARET 1

LEARNING CENTRES

**National Institute of Public Health Mexico
(INSP), Global Alliance for Improved Nutrition
(GAIN), Cornell University**

Positioning qualitative research as a key element of implementation research.
Key challenges and opportunities

1:00 TO 2:00

RM: GRAN CANCÚN

POSTER PRESENTATIONS

VIEW LIST OF POSTER PRESENTATIONS ON PAGE 52

→ PLENARY

2:00 TO 3:30

RM: GRAN CANCÚN



BRIDGING DISCOVERY AND DELIVERY: FUTURE DIRECTIONS FOR THE MICRONUTRIENT FORUM

MODERATOR: DR. LYNNETTE NEUFELD, CHAIR, MICRONUTRIENT FORUM INTERNATIONAL STEERING COMMITTEE

SPEAKERS

PRESENTATIONS

2:00 **Dr. Lindsay Allen**
University of California, Davis

Reflections on the Micronutrient Forum Conference program



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FRIDAY

MODERATED DISCUSSION AND SUMMARY

2:10	Dr. Andrew Prentice London School of Hygiene and Tropical Medicine (LSHTP)	Mr. Mauricio Adade DSM
	Mr. Shawn Baker Bill & Melinda Gates Foundation (BMGF)	Dr. Gonzalo Hernández Licona National Council for the Evaluation of Social Development Policy (CONEVAL)
	Dr. Bonnie McClafferty Global Alliance for Improved Nutrition (GAIN)	Dr. José Ignacio Ávalos Un Kilo de Ayuda

4:00 TO 5:30

RM: GRAN CANCÚN



KEYNOTE AND CLOSING CEREMONY

SPEAKERS	PRESENTATIONS
Dr. Rafael Flores-Ayala Co-Chair, Micronutrient Forum International Steering Committee	Words of thanks
Dr. Juan Angel Rivera Dommarco Chair, Micronutrient Forum Global Conference 2016 Local Organizing Committee	Words of thanks
Dr. Lawrence Haddad Global Alliance for Improved Nutrition (GAIN)	From hidden to centre stage: opportunities to move micronutrient malnutrition higher up the development agenda
Dr. José Narro Robles Ministry of Health	Development of the nutrition component of PROSPERA: the role of the Ministry of Health



POSTERS

POSTER PRESENTATIONS

**POSTER PRESENTATIONS
WILL TAKE PLACE IN
THE EXHIBITION AREA
OUTSIDE THE GRAN
CANCÚN HALL ON
THE THIRD FLOOR OF THE
CANCÚN CONVENTION
CENTER**

POSTER SESSIONS

TU & WE:
TUESDAY AND WEDNESDAY

TH & FR:
THURSDAY AND FRIDAY

POSTER THEMES

- 53 ASSESSMENT** of micronutrients in breastmilk
- 53 BEHAVIOURAL** economics
- 53 COMMUNICATION** and advocacy for micronutrient policies and programs
- 53 DIETARY** assessment: methods and results
- 54 EFFECTS** of interventions on micronutrient content of breastmilk
- 54 EFFICACY** or effectiveness of micronutrient interventions
- 55 EVALUATION** of new biomarkers, analytic methods and biological specimens
- 55 FINANCING** for micronutrient interventions
- 56 FORMATIVE** and/or implementation research to improve program design and/or implementation; process and impact evaluation
- 58 FUNCTIONAL** outcomes: e.g. child development, cognition, growth, stunting, birth outcomes, morbidity, long-term health
- 59 IMPROVING** women's micronutrient status and functional outcomes for women
- 59 INNOVATIONS** in methods for monitoring and surveillance of programs
- 60 INNOVATIVE** and public-private partnerships in support of micronutrient interventions
- 60 INNOVATIVE** program or delivery models
- 61 IRON**, zinc, vitamin A, iodine, vitamin B12, folate, vitamin D, multiple micronutrients
- 62 LEADERSHIP** and capacity development
- 62 METHODS** for assessing human function in micronutrient interventions
- 62 MICRONUTRIENTS** in emergencies, refugees, and food aid dependent populations
- 62 MICRONUTRIENTS**, overweight and obesity
- 63 MONITORING** and surveillance for tracking progress and program improvement
- 63 OTHER** micronutrient-related interventions (e.g. agriculture, biofortification, education, social protection)
- 64 PREVALENCE** and risk factors for micronutrient status (deficiency, overload)
- 67 RISKS** or risk/benefit of micronutrient interventions
- 67 STAKEHOLDER** mapping and engagement for micronutrient interventions
- 68 TRANSLATING** evidence into policy decisions for micronutrient interventions
- 68 USE** of cash transfers and vouchers to improve micronutrient nutrition

POSTER PRESENTATIONS

ASSESSMENT OF MICRONUTRIENTS IN BREASTMILK

Masako Fujita / 0043 / TU & WE
Another way milk vitamin A protects infants from mortality: positive correlation between vitamin A and secretory immunoglobulin A antibody in breast milk of mothers in rural Kenya

Shaikh Ahmad / 0154 / TU & WE
Maternal obesity is negatively associated with colostrums vitamin A content

Juliana A. Haber / 0122 / TH & FR
Supplementation of lactating Guatemalan women with a lipid-based nutrient supplement increases infant intake of select micronutrients from breast milk

Alejandra Wiedeman / 0203 / TH & FR
Water-soluble choline content in human milk and its contribution towards the adequacy of dietary choline intake in infants

BEHAVIOURAL ECONOMICS

Alexandra Towns / 0069 / TU & WE
It is not a weed, it is food! Promoting women and children's consumption of micro-nutrient-rich African indigenous vegetables in Malawi and Zambia

Paula Dominguez-Salas / 0149 / TH & FR
The role of animal-source food systems in improving nutrition in low-income settings

COMMUNICATION AND ADVOCACY FOR MICRONUTRIENT POLICIES AND PROGRAMS

Sisay Sinamo Boltana / 0027 / TU & WE
Promoting local foods for improved nutrition: opportunities and challenges in meeting micronutrient needs of children in Western Kenya

Van Khanh Tran / 0090 / TU & WE
Large scale fortification in Vietnam: a national strategy

Deepika Mehrish Sharma / 0105 / TU & WE
Applying positive deviance for making adolescent anemia control programme relevant to tribal communities: the experience from Khunti district, India

Salomon Shamosh / 0135 / TU & WE
History, nutrition, health and ecology for the generation of communication strategies regarding spirulina (*A. maxima*)

Lauren Smith / 0152 / TU & WE
Women as 'agents of change' for improved maternal infant and young child nutrition (MIYCN): evidence from the Rwanda campaign 'A 1000 days in the land of a 1000 hills'

Madhusree Banerjee / 0122 / TH & FR
Anemia control programs and nutritional issues of adolescent girls in rural Gujarat

Sarah Ngalombi / 0133 / TH & FR
SBCC interventions to address barriers to appropriate use of micronutrient powders (MNPs) in Uganda

Jack Bagriansky / 0202 / TH & FR
Projecting national economic consequences of IDD and benefits of USI

Sudeep Sharma / 0229 / TH & FR
Addressing micronutrient deficiency with policy advocacy

Ranjeeta Rani / 0231 / TH & FR
Effective communication for improved knowledge attitude and practices towards fortified foods

DIETARY ASSESSMENT: METHODS AND RESULTS

Abdul-Razak Abizari / 0005 / TU & WE
More than two-thirds of dietary iodine in children in Northern Ghana is obtained from bouillon cubes containing iodized salt

Catherine Oladoyinbo / 0009 / TU & WE
Dietary diversity and nutrient intake adequacy among adult women in two local government area, Osun State Nigeria

Imane El Menchawy / 0011 / TU & WE
Eating patterns and iron status of school children in rural Morocco

Fabrice Fabien Dongho Dongmo / 0013 / TU & WE
Effect of some cooking parameters on carotenoids content of Cameroonian foods cooked with crude palm oil (*Elaeis guineensis Jacq*): case of maize (*Zea mays*) cake

Vani Sethi / 0035 / TU & WE
Using ProPAN for designing fortnightly counseling sessions to enhance maternal diet diversity in socially backward poverty pockets of Bihar (India)

Rajwinder Harika / 0044 / TU & WE
Bioavailability of iron from iron fortified bouillon cube improves with the addition of food additive tetra sodium pyrophosphate

Khalid El Kari / 0057 / TU & WE
Fruits and vegetables important sources to eliminate vitamin A deficiency in Morocco

Marya Lieberman / 0060 / TU & WE
Laboratory validation of a paper test card for part-per-billion quantification of iodide in simulated urine

Wendy Coyoy Galvan / 0077 / TU & WE
Food and nutritional determinants of zinc deficiency in Guatemalan stunted children under five

Vani Sethi / 0082 / TU & WE
Diagnostic accuracy of mid-upper-arm-circumference for screening thinness in Indian adolescents

Elad Tako / 0088 / TU & WE
Chronic zinc deficiency alters gut microbiota structure and function in vivo (*Gallus gallus*)

Mestawet Gebremeskel / 0093 / TU & WE
The contribution of home gardens to dietary diversity, vitamin A intake and nutritional status of children 6-23 months: a comparative cross-sectional study in Melga District, southern Ethiopia

Jennifer Coates / 0099 / TU & WE
Scaling up dietary data for decision-making in low-income countries: new technological frontiers

Cristina Palacios / 0110 / TU & WE
Adequacy of micronutrient intake and contribution of supplements among a sample of Puerto Rican infants

Suruchi Pradhan / 0111 / TU & WE
A comparison of dietary diversity, phytate and mineral intake in South Asian women living in United Kingdom and Pakistan

Aniket Daftardar / 0116 / TU & WE
Improving strategies for women in pre and post delivery period by using pulse uv light for vit D fortification

Phuong Nguyen / 0086 / TH & FR
Pregnant adolescents and pregnant adult women in Bangladesh have similarly inadequate dietary micronutrient intakes

Matthew Smith / 0088 / TH & FR
Assessing global diet and nutrient supplies with the new global expanded nutrient supply (GENuS) model

POSTER PRESENTATIONS

Girma Mengistu / 0090 / TH & FR
Energy and nutrient intake of infants and young children in pastoralist communities of Ethiopia

Kendra Byrd / 0099 / TH & FR
Leveraging technology: using electronic data collection tools to conduct the four-pass 24 hour recall in the context of the WASH benefits randomized controlled trial

El Arbi Rjimati / 0100 / TH & FR
Micronutrient status in children and pregnant women in two Moroccan regions

Brekha Aurangzeb / 0102 / TH & FR
Trends and determinants of infant and young child feeding practices (IYCF) in Pakistan

Prosper Kujinga / 0121 / TH & FR
Daily food-based dietary recommendations combined with zinc fortified drinking water ensure nutrient adequacy among 4-6 year old Kenyan children

Nazia Binte Ali / 0126 / TH & FR
Dietary diversity score for food intake of under five children and their association with socio-demographic factors in rural Bangladesh: lessons from a cross-sectional survey

Kristen Hurley / 0171 / TH & FR
Relations between feeding behaviors and infant dietary diversity in rural Guatemala

Agatha Previdelli / 0258 / TU & WE
An exploratory factor analysis of micronutrient among elderly

Alida Melse-Boonstra / 0183 / TH & FR
Daily vitamin A intake recommendations revisited: global confusion and need for alignment

Sabri Bromage / 0195 / TH & FR
Gender differences in food intake, nutrient intake, and nutrition status among Mongolian adults

Frinné Rodríguez / 0204 / TH & FR
Malnutrition due to nutrients deficiency in indigenous children of the Huasteca region, Mexico

Alejandra Wiedeman / 0205 / TH & FR
Contribution of dietary choline intake to choline status during early childhood

Beatriz Basabe Tuero / 0211 / TH & FR
Inadequate micronutrient intake in women of childbearing age

Yunhee Kang / 0219 / TH & FR
Association between maternal social capital and dietary diversity among children aged 6-12 months in rural Ethiopia

D.J. Nithya / 0222 / TH & FR
Correlation of dietary diversity with micronutrient intake and blood haemoglobin and serum retinol levels

EFFECTS OF INTERVENTIONS ON MICRONUTRIENT CONTENT OF BREASTMILK

Hassan Aquenaou / 0087 / TU & WE
Antenatal care in Rabat and outskirts, Morocco: risk factors for non-attendance

EFFICACY OR EFFECTIVENESS OF MICRONUTRIENT INTERVENTIONS

Florence Uchendu / 0002 / TU & WE
Nigerian biscuits contributed one-half of vitamin A daily requirement of pre-school children

Lynette Owiti / 0010 / TU & WE
Factors influencing adherence to iron and folate supplements by pregnant women attending antenatal clinic at Thika level 5 hospital in Kenya

Fatima Ezzahra Zahrou / 0012 / TU & WE
Can multi-micronutrient milk fortification improve the iodine status, growth and health, of rural Moroccan schoolchildren? A randomized controlled trial

Alan de Brauw / 0030 / TU & WE
Using agriculture to improve child health: results from a randomized controlled trial on vitamin A intake

Beatrice Brunner / 0033 / TU & WE
Reducing micronutrient deficiencies in Pakistan: cost-effectiveness of subsidies on fortified packaged complementary food

Jai Das / 0036 / TU & WE
Systematic review and meta-analysis of nutrition supplementation interventions for pregnant women and children

Abner Daniel / 0037 / TU & WE
Coverage validation of vitamin A in the state of Chhattisgarh, India

Tanimoune Mahamadou / 0039 / TU & WE
Effect of complementary feeding programme using micronutrient fortified blended food on anaemia among refugees in Rwanda

Khalid El Kari / 0051 / TU & WE
Efficiency of the consumption of multiple micronutrients fortified milk on vitamin D status of schoolchildren aged 7-9 years in Morocco

Keja Joshi Reddy / 0052 / TU & WE
Double fortified salt supplementation among Indian pregnant women and effects on neonatal outcome

Patty Th. Scholten / 0054 / TU & WE
Effectiveness of nutrition interventions attempting to improve maternal and child health in North Africa: a bibliographic analysis of articles from 2000-2015

Nicole Stoffel / 0059 / TU & WE
A comparison of iron absorption from single versus twice daily dosing and from consecutive versus alternate day dosing in iron-depleted women by using iron stable isotopes

Sidelsi Suárez Fundora / 0070 / TU & WE
Clinical-hematological evaluation of neotrofin in the treatment of anemic pregnant woman in 10 De Octubre municipality.

Huong Cao / 0074 / TU & WE
Effect of weekly dose of MNP combined with nutritional education on nutritional status and hemoglobin concentration of Vietnamese children aged 6-23 months in midland area

Jean Max Beauliere / 0080 / TU & WE
Using formative research to design the introduction of micronutrient powder in Guinea

Crystal D. Karakochuk / 0082 / TU & WE
The effect of oral iron with or without multiple micronutrients on hemoglobin concentration among anemic non-pregnant Cambodian women of reproductive age: a 2x2 factorial randomized controlled supplementation trial

POSTER PRESENTATIONS

Leah Perlas / 0075 / TH & FR

Pregnant and lactating women and the elderly still iodine deficient 20 years after USI in the Philippines

Yunhee Kang / 0077 / TH & FR

Mid-program impact on feeding frequency and dietary diversity among infants and young children in rural Malawi

Junsheng Huo / 0078 / TH & FR

Systematic review and meta analysis on nutrition intervention effect of YYB for infants and young children in China

Malay Mridha / 0096 / TH & FR

Daily lipid-based nutrient supplements containing 800 µg vitamin A increased serum retinol-binding protein in lactating but not in pregnant women in rural Bangladesh

Mario Capanzana / 0116 / TH & FR

Vitamin D fortified milk: dose response study

Bernard Ilboudo / 0128 / TH & FR

Cluster-randomized trial protocol for analysis of the effect of individual support of the pregnant woman at home, associated with appropriate prenatal cares on the prevention and management of anemia in pregnancy in the health rural district of Sindou (Burkina Faso)

Emily M. Teshome / 0131 / TH & FR

Daily home fortification with 12.5mg iron as ferrous fumarate versus 3mg iron as NaFeEDTA: a randomized, placebo-controlled, non-inferiority trial in Kenyan children

Feruza Ospanova / 0256 / TH & FR

External quality assessment program for iodine deficiency disorders (IDD) monitoring in Central Eastern Europe and Commonwealth Independent States (CEE/CIS) region by reference lab of Kazakh Academy of Nutrition (KAN)

Daniela Medeiros / 0141 / TH & FR

The effect of folic acid supplementation with ferrous sulfate on the linear and ponderal growth of children aged 6–24 months

Denish Moorthy / 0142 / TH & FR

Systematic review of reviews: comparing nutrition-specific and -sensitive intervention impacts on anemia and hemoglobin concentrations

Rita Wegmüller / 0148 / TH & FR

Efficacy of hepcidin-based screen-and-treat approaches using two different doses vs a standard universal approach of iron supplementation in young children in rural Gambia: a double-blind randomized controlled trial

Cornelius M. Smuts / 0257 / TH & FR

Randomized controlled trial on the effects of lipid-based nutrient supplements on linear growth of 6 month-old infants in South Africa

Mehdi Azlaf / 0170 / TH & FR

Efficacy study of the consumption of multiple micronutrients fortified milk on the nutritional status of vitamin A among school children in rural region in Morocco

Mari Skar Manger / 0172 / TH & FR

Effects of prenatal lipid-based nutrient supplementation on birth outcomes: a systematic review and meta-analysis

Pallavi Panth / 0175 / TH & FR

Is there an increased risk of iodine deficiency among reproductive-age women (18–45) with “normal” thyroid function?

Rebecca Campbell / 0180 / TH & FR

Daily complementary food supplementation improves micronutrient status in 18 month old children in rural Bangladesh

Neal Craft / 0187 / TH & FR

Impact of provitamin A biofortified maize consumption on carotenoid status of Zambian children

Cristieli Oliveira / 0190 / TH & FR

Multiple micronutrients in powder through primary healthcare reduce iron deficiency, vitamin A deficiency and improve nutritional status in young Brazilian Amazonian children: a pragmatic controlled trial

Tawanda Muzhingi / 0212 / TH & FR

Peanut butter increase the bioavailability and bioconversion of kale β-carotene to vitamin A

EVALUATION OF NEW BIOMARKERS, ANALYTIC METHODS AND BIOLOGICAL SPECIMENS

Samson Gebremedhin / 0006 / TH & FR

Validity of reported night blindness as an indicator of vitamin A deficiency status during pregnancy

Alejandra Contreras-Manzano

0024 / TH & FR

Anemia, iron deficiency and iron deficiency anemia in Mexican elderly population from ENSANUT 2012

Umu Hawa Jalloh / 0059 / TH & FR

Impact of Ebola on mass vitamin A supplementation and deworming coverage in Sierra Leone

Mohammed Amine Radouani

0089 / TH & FR

Relation between leptin-adiponectin ratio and body fat, insulin, glucose and lipid profile during normal pregnancy

Sun Eun Lee / 0094 / TH & FR

Clusters of micronutrients associated with single plasma proteins reflect homeostatic regulation in Nepalese children

Wanqi Zhang / 0164 / TU & WE

Estimation of urinary iodine excretion by iodine/creatinine ratio from morning spot urine in school-age children

Emily M. Teshome / 0175 / TU & WE

Diagnostic test performance of zinc protoporphyrin to detect iron deficiency in Kenyan preschool children

Marija Knez / 0231 / TU & WE

An initial evaluation of newly proposed biomarker of zinc status in humans — linoleic acid: dihomo-γ-linolenic acid (LA:DGLA) ratio

Guy-Marino Hinnouho / 0236 / TU & WE

Comparison of hemoglobin assessments by Hemocue® and by automated hematology analyzer in young children: evidence from the Lao zinc study

FINANCING FOR MICRONUTRIENT INTERVENTIONS

Robert James Reid / 0107 / TH & FR

Cost assessment of free-public and market-based distribution models of superkid micronutrient powder (MNP) in Lao PDR

Sanjeev Kumar / 0156 / TU & WE

Costs of childhood diarrhoea management program and scale-up feasibility under public sector in Bihar state of India

POSTER PRESENTATIONS

Mary D'Alimonte / 0213 / TU & WE
Financial needs to achieve the global nutrition target for anemia in women: how much will it cost and how to pay for it?

FORMATIVE AND/OR IMPLEMENTATION RESEARCH TO IMPROVE PROGRAM DESIGN AND/OR IMPLEMENTATION; PROCESS AND IMPACT EVALUATION

Samson Gebremedhin / 0005 / TH & FR
The effectiveness bundling of zinc with oral rehydration salts (ORS) for improving adherence to acute watery diarrhea treatment in Ethiopia: cluster randomised controlled trial

Adewale Oparinde / 0009 / TH & FR
Developing country consumers' acceptance of biofortified foods: a synthesis

Dylan Walters / 0012 / TH & FR
Potential for fortification of locally produced oil: vitamin A status of children under five in two districts of Tanzania

Medina Wandella / 0013 / TH & FR
The effects of simulated consumption of biofortified cassava on dietary vitamin A inadequacy among rural primary school children aged 6-12 years in Kibwezi District, Eastern Kenya

Laura A. Rowe / 0015 / TH & FR
How to improve food fortification program compliance: bridging the gap between the ideal and the pragmatic

Rizwan Yusufali / 0020 / TH & FR
Optimization of cost contributors for rice fortification

Kuong Khov / 0021 / TH & FR
Stability of vitamin A, iron and zinc in fortified rice during storage and its impact on future national standards and programs-case study in Cambodia

Peiman Milani / 0026 / TH & FR
Piloting a commercial model for rice fortification: lessons learned from Brazil (track 3, session 14.3a)

Victor Taleon / 0028 / TH & FR
Consumer acceptance and preference of biofortified yellow cassava in the western provinces of the Democratic Republic of Congo

Alexis D'Agostino / 0029 / TH & FR
Reflecting on experiences to improve programming: looking at micronutrient powder distribution qualitatively

Sarah Ngalombi / 0250 / TU & WE
Piloting through partnership: micronutrient powders in Uganda

Rizwan Yusufali / 0250 / TH & FR
Scaling up rice fortification: a case for adopting a wider geographic perspective in the design of programs

Kamrun Nahar / 0251 / TU & WE
Adapting and testing the Nurturing Connections© approach to improve behaviour change interventions to promote optimal intra-household nutrition practices

Ngozi Nnam / 0036 / TH & FR
Iron, β -carotene and vitamin C contents of some underutilized vegetables in south eastern Nigeria

Christina Nyhus Dhillon / 0039 / TH & FR
Operationalizing micronutrient powder programs: lessons learned from the USAID/SPRING MNP consultation

Alison Tumilowicz / 0040 / TH & FR
Application of focused ethnography to elaborate a program impact pathway: an example from a micronutrient powder project in Ethiopia

Angella Atero Atwaru / 0050 / TH & FR
Promoting biofortified crops using positive deviant lead mothers

Sharique Khan / 0052 / TH & FR
Scaling up fortification of rice through the government's school feeding programme in Odisha, India

Donald Cole / 0055 / TH & FR
Planning an integrated agriculture and health program to improve nutrition outcomes using biofortified sweetpotato and designing its evaluation: experience from western Kenya

Inge D. Brouwer / 0057 / TH & FR
Local capacity building and mobilising community support are important determinants of success for a large scale community-based complementary food project in Ethiopia

Nicola Martin / 0058 / TH & FR
Improved women's nutrition through affordable nutritious foods in Bangladesh

Aregash Samuel Hafebo / 0062 / TH & FR
Promotion of local foods with provision of MNPs or sq-LNS can improve nutrient adequacy for 6-23 month old children in Tigray, Ethiopia

Césaire T. Oueédraogo / 0065 / TH & FR
The impact of a programmatic intervention to promote increased antenatal care seeking and iron-folic acid supplement consumption in Zinder, Niger

Hanqi Luo / 0067 / TH & FR
Predicted effects of current and potential micronutrient intervention programs on adequacy of iron intake in a national sample of women and young children in Cameroon

Michael Diressie / 0072 / TH & FR
Factors influencing consumers' willingness-to-pay for vitamin A biofortified yellow cassava foods in Kinshasa and Bas Congo provinces of D.R. Congo

Michael Diressie / 0073 / TH & FR
Evaluation and intention to adopt vitamin A maize among women in Eastern Province, Zambia

Renuka Jayatissa / 0074 / TH & FR
Effectiveness of multiple micronutrient supplementation programme in Sri Lanka

Kenda Cunningham / 0079 / TH & FR
Participation in homestead food production activities improves maternal dietary diversity

Pooja Pandey Rana / 0080 / TH & FR
Lactation management in Nepal, a scalable model for increasing early and exclusive breastfeeding

POSTER PRESENTATIONS

Preetu Mishra / 0081 / TH & FR

The adverse side effects and other factors inhibiting compliance in India's weekly iron folic acid supplementation programme

Kenda Cunningham / 0083 / TH & FR

Improving maternal and child nutrition practices in Nepal

Megan Landry / 0091 / TH & FR

Maternal diet during pregnancy and lactation: current evidence and implications for programs

Aminuzzaman Talukder / 0097 / TH & FR

Improved food security and increased production, dietary diversity and income among participating households in a cluster randomized control trial of homestead food production with or without aquaculture in Prey Veng province, Cambodia

Pham Kim Ngoc / 0098 / TH & FR

The multiple dimensions of inequality influencing nutrition related outcomes in Son La Province, Vietnam: findings from a household survey

Mahfuzur Rahman / 0101 / TH & FR

Opportunities and challenges of market based approach to promoting home fortification with micronutrient powder through frontline volunteer health workers in Bangladesh

Fakhar Uddin / 0105 / TH & FR

Programmatic determinants of high and low performances of home fortification program with micronutrient powder in Bangladesh

Judy McLean / 0147 / TU & WE

From evidence to national scale: the case of micronutrient powders in Rwanda

Martina Northrop-Lyons / 0149 / TU & WE

Lessons learned on the importance of monitoring for action and community sensitization and mobilization during the home fortification with MNP pilot in Northern Zambia

Haribondhu Sarma / 0155 / TU & WE

Effects of home contact by frontline volunteer health workers in improving program coverage of home fortification with micronutrient powder in Bangladesh

Fanny Sandalinas / 0163 / TU & WE

Formative work to design the packaging of micronutrient powders (MNPs) for home fortification programs in 3 countries in west and central Africa

Simon Wieser / 0166 / TU & WE

Does it work? Is it worth it? Evaluating the costs and benefits of micro-nutritional interventions

Esther Kariuki / 0172 / TU & WE

Mobile phone texting in building adherence to iron and folic acid supplementation among pregnant women in Kenya

Tobi Osunkentan / 0173 / TU & WE

Understanding the Hausa socio-cultural context in Northern Nigeria — informing behaviour change messaging using cultural domain analysis

Marti van Liere / 0177 / TU & WE

What do we know about her: identifying entry points for nutrition interventions targeting adolescent girls in India, Pakistan and Indonesia

David Doledec / 0179 / TU & WE

SMS reminders and vocal messages increase adherence to immunization and 6-month vitamin A supplementation

Phillip Makhumula / 0182 / TU & WE

Homogeneity of vitamin A fortified sugar distributed in Malawi as a direct result of the type of premix used

Hermann Lanou / 0184 / TU & WE

Barriers and enablers of mothers using community-based nutrition services and MNPs in rural Burkina Faso

Annette Imohe / 0185 / TU & WE

Participatory formative research to develop a social marketing strategy in Northern Nigeria

Moshood Omotayo / 0186 / TU & WE

A comprehensive program model for integrating prenatal calcium and iron supplementation into primary healthcare in Western Kenya

Alia Poonawala / 0187 / TU & WE

Identifying barriers and enhancers of home fortification utilization in market-based delivery: lessons from Bangladesh and Vietnam.

Tobi Osunkentan / 0189 / TU & WE

Key fieldwork lessons from conducting multi-site formative research to inform development of an integrated nutrition program for children 6–23 months in Northern Nigeria

Melissa Young / 0190 / TU & WE

Assessing feasibility and program effectiveness of home fortification of complementary foods in Bihar: design and methodology

Greg S. Garrett / 0194 / TU & WE

Knowledge, attitude and practices among consumers regarding fortified foods in Vietnam

Carol Levin / 0199 / TU & WE

Cost and cost-effectiveness of Mama-SASHA—a project to improve health and nutrition of women and children through an integrated orange-fleshed sweetpotato production and health service delivery model in Kenya

Caitlin Gomez / 0205 / TU & WE

Sierra Leone: post Ebola resilience plan includes scaling up MNP for children 6–23 months

Annette Imohe / 0209 / TU & WE

Understanding local infant and young child feeding practices to create an effective micronutrient powder program in Northern Nigeria

Jonathan Gorstein / 0210 / TU & WE

National policy responses to iodine deficiency disorders: iodine supplementation in Indonesia, the Philippines, and Thailand

Jennifer Busch-Hallen / 0211 / TU & WE

How to reach an additional 2 million pregnant women per year with the right dose of iron and folic acid supplements: evidence-informed program design in 8 high burden countries

Stephen Kodish / 0212 / TU & WE

Multi-phase formative research to understand micronutrient powder (MNP) acceptance and utilization among children aged 6–23 months in Northern Nigeria

Johana Rocio Ruiz Murcia / 0214 / TU & WE

Evaluation of the content of iron and folic acid in bakery products made with fortified wheat flour in Colombia

Douglas Taren / 0219 / TU & WE

Mother and child vitamin A deficiency clump together but not iron deficiency in Benin

Tausif Janjua / 0221 / TU & WE

Stability of potassium iodate (KI03) in different types of edible salt and packing materials under different climatic conditions in Pakistan

POSTER PRESENTATIONS

Mario Capanzana / 0227 / TU & WE

From pyramid to plate: a formative research on the development of a Filipino food guide

Abanti Zakaria / 0228 / TU & WE

Implementation science in practice: vitamin A supplementation global programming

Meseret Azene / 0234 / TU & WE

Iron fractionation of cereals contaminated with different types of Ethiopian soils and its consequence on bioaccessibility

M. Michelle Jimenez / 0237 / TU & WE

Consumption of multi-micronutrient powders (MMNP) in young children: knowledge, perceptions and practices of families, health personnel and other community actors in 3 regions of Peru

Tanjul Saxena / 0239 / TU & WE

Use of fortified aata by community using small chakki for flour fortification: a pilot project in tribal blocks of Udaipur District, Rajasthan India

Vincent Assey / 0242 / TU & WE

Rolling up food fortification to rural areas in Tanzania

Carol Henry / 0243 / TU & WE

Starting young incorporating local pulses in the menus of childcare centers in Saskatoon: a pilot intervention

FUNCTIONAL OUTCOMES: E.G. CHILD DEVELOPMENT, COGNITION, GROWTH, STUNTING, BIRTH OUTCOMES, MORBIDITY, LONG-TERM HEALTH

Zewdie Aderaw / 0002 / TH & FR

Spatial epidemiology of child malnutrition in Ethiopia: further analysis of 2011 Ethiopian demographic and health survey

Sebastian Vollmer / 0008 / TH & FR

Association between household unavailability of iodized salt and childhood undernutrition: evidence from 87 demographic and health surveys

Samson Gebremedhin / 0007 / TU & WE

Vitamin A supplementation and childhood morbidity from diarrhea, fever, acute respiratory infections and anemia in sub-Saharan Africa: evidence from 28 demographic and health surveys

Tsedeke Hailemariam / 0017 / TH & FR

Prevalence of chronic malnutrition (stunting) and associated factors among children aged less than 24 months in west part of Ethiopia

Yasir Bin Nisar / 0022 / TH & FR

Iron-folic acid supplementation during pregnancy reduces the risk of stunting in children less than 2 years of age: a retrospective cohort study from Nepal

Fabian Rohner / 0025 / TH & FR

Associations between stunting and zinc deficiency in pre-school aged children in Azerbaijan

Hermano Rocha / 0030 / TH & FR

Vitamin A supplementation different effect on morbidity in girls and boys: transversal series household population study in northeast of Brazil, 1987 to 2007

Brietta M. Oaks / 0049 / TH & FR

Associations of maternal hemoglobin and iron status with pregnancy outcomes in three countries

Phuong Nguyen / 0084 / TH & FR

Effects of weekly supplementation with multiple micronutrients or iron and folic acid before conception on offspring development at 2 years of age in Vietnam

Ines Gonzalez-Casanova / 0121 / TU & WE

Effects of preconception supplementation with multiple micronutrients or iron and folic acid compared to folic acid only on offspring linear growth during the first two years of life: a randomized controlled trial in Vietnam

Giovanna Gatica-Domínguez

0087 / TH & FR

Plasma folate and vitamin B12 during pregnancy and child neurodevelopment over the first 30 months of age: a cohort study

Aminata Shamit Koroma / 0128 / TU & WE

Infant and young child feeding practices among caretakers of children 0-23 months in Sierra Leone prior to the Ebola outbreak

Hassan Aquenaou / 0129 / TU & WE

Anemia in pregnancy: pregnancy outcome and neonatal data in a Moroccan population

Elizabeth Prado / 0131 / TU & WE

Effects of small quantity lipid-based nutrient supplements on neurobehavioral development in the international lipid-based nutrient supplements (iLiNS) project

Laxmi Majji / 0139 / TU & WED

Delivering tribal pregnant and lactating mothers a daily nutritional boost through women self-help group platforms: evidence from states of Andhra Pradesh and Telangana, India

Tazeen Tahsina / 0165 / TU & WE

Determining factors of childhood wasting in rural Bangladesh: lessons from a cross-sectional survey

Ahmadwali Amineev / 0171 / TU & WE

Calcium supplementation among targeted pregnancies: a life saving strategy to reduce the risk of eclampsia and maternal and newborn deaths

Yaw Addo / 0180 / TU & WE

Associations between acute phase proteins and stunting in children under 5 y: a multi-country analysis

Barbara Stoecker / 0203 / TU & WE

Goiter but not thyroid hormones were affected by iodine supplementation in lactating women in rural Ethiopia

Veronica Mundo Rosas / 0218 / TU & WE

Impact of "the national crusade against hunger (CNCH)" over anemia prevalence in precholer children

Jaqueline Lepsch / 0220 / TH & FR

Association between early pregnancy vitamin D inadequacy and changes on serum lipid profile throughout pregnancy

POSTER PRESENTATIONS

IMPROVING WOMEN'S MICRONUTRIENT STATUS AND FUNCTIONAL OUTCOMES FOR WOMEN

Clayton Ajello / 0016 / TH & FR
Leveraging a proven approach to achieve large-scale deployment of multi-micronutrient supplements to pregnant, nutritionally at-risk, hard-to-reach women

Tanimoune Mahamadou / 0031 / TH & FR
Promoting women nutrition in Nyamagabe and Rutsiro Districts in Rwanda

Sara Fikru / 0037 / TH & FR
Nutrition education impacts on the perceived barriers of pulse processing and consumption in regard of nutritional benefits/micro & macro nutrients/in a rural community in Oromia, Ethiopia

Christina Tzogiou / 0251 / TH & FR
Impact of maternal malnutrition on child health: what do we know about its social costs and the cost-effectiveness of food-fortification?

Sheela Sinharoy / 0048 / TH & FR
Women's dietary diversity in rural Bangladesh: pathways through women's empowerment

Elifatio Elinafasi Towo / 0069 / TH & FR
Food fortification strategies as integrated interventions for improving nutrition outcome of women and children in Tanzania

Mekonnen Tesfamariam / 0095 / TU & WE
Improving dietary diversity of women and children through homestead vegetable production coupled with cooking demonstration and behavior change communication

Semalign Samuel / 0122 / TU & WE
Anemia and associated factors among pregnant women attending antenatal care services in public health centers of Kembata Tembaro Zone, southern Ethiopia

Julius J. Okello / 0141 / TU & WE
Determinants of participation in an integrated agriculture-health intervention using biofortified sweetpotato and impacts on health service utilization by pregnant women

Chowdhury Abdullah Al Asif
0153 / TU & WE
Increases in dietary adequacy and food security among extremely poor households in Bangladesh: a quasi-experimental evaluation of making markets work for women (M2W2)

Wanqi Zhang / 0169 / TU & WE
Research of the average requirement of iodine intake in euthyroid Chinese women of childbearing age

Indira Bose / 0174 / TU & WE
The difficulty of meeting the nutrient requirements of adolescent girls: a cross-comparison of three different cost of the diet studies in El Salvador, Ghana and Madagascar

Elaine A. Yu / 0217 / TU & WE
Anemia and tuberculosis among patients in rural South India

Abimbola O. Ajomale / 0226 / TH & FR
Iodine deficiency among female undergraduate students in a peri-urban area of Ogun State, Southwest Nigeria

Elizabeth Parkes / 0238 / TH & FR
Enhancing nutrition and capacity strengthening of farmers in selected communities in Nigeria

INNOVATIONS IN METHODS FOR MONITORING AND SURVEILLANCE OF PROGRAMS

Peng Liu / 0006 / TU & WE
Should urinary iodine concentration of school-aged children continue to be used as a proxy of iodine status for different adult population groups?

Fabian Rohner / 0021 / TU & WE
Comparative validation of five quantitative rapid test kits for the analysis of salt iodine content: laboratory performance, user- and field-friendliness

Rabi N. Parhi / 0034 / TU & WE
'Wall mark and armband': feasibility and diagnostic accuracy of using simple screening tools for maternal low stature and maternal wasting by frontline workers during monthly village health days in Bihar, India

Amir Makhmudov / 0106 / TU & WE
Creating sustainable and measurable progress in monitoring the iodine nutritional status of a population: external quality assurance and iodine

Emmerentia Elza Strydom
0120 / TU & WE
Evaluation of an inexpensive and disposable paper analytical device (saltPAD) for quantifying iodine in iodized salt

Mary Christine Castro / 0158 / TU & WE
Validation of a semi-quantitative test for vitamin A detection in coconut cooking oil

Mary Christine Castro / 0159 / TU & WE
Accuracy in quantification of vitamin A levels in coconut cooking oil using a portable device: agreement, sensitivity and specificity

Annette Imohe / 0183 / TU & WE
Improving the performance of maternal, new-born and child health weeks in Nigeria through a real-time monitoring tool

Veronica Lopez-Teros / 0146 / TH & FR
Retinol transfer from the mother to the breastfed infant in agricultural and urban regions in northwest-Mexico, assessed by stable isotopes

Ogechi Akalonu / 0159 / TH & FR
Planning and reporting tool enhances supply management for maternal new-born and child health week saving \$436,000 in resources

Julia Krasevec / 0162 / TH & FR
Trends in estimated national 2-dose vitamin A supplement coverage among children aged 6-59 months

Christine Northrop-Clewes
0164 / TH & FR
Comparison of algorithms for adjusting serum retinol concentrations in the presence of an acute phase response using data from four countries

Carine Mapango / 0166 / TH & FR
Laboratory and field manual for specimen collection, field testing, specimen processing, storage, and shipment: a tool for nutrition surveys

María del Carmen Morales Ruan
0177 / TH & FR
Validation of Masimo Pronto 7 for the determination of hemoglobin concentrations in children from 1 to 5 years old in México

Lucia Cuevas Nasu / 0185 / TH & FR
Is there a relationship of household food insecurity and anemia in children receiving the benefit from food assistance programs in Mexico?

POSTER PRESENTATIONS

INNOVATIVE AND PUBLIC-PRIVATE PARTNERSHIPS IN SUPPORT OF MICRONUTRIENT INTERVENTIONS

Edwin Habeych / 0054 / TH & FR
Iron stabilization in food—an industry perspective

Hajra Hafeez-ur-Rehman / 0256 / TU & WE
National fortification alliances (NFAs): program guidance based on lessons learned from nine countries

Suvabrata Dey / 0134 / TH & FR
Catalyze consolidation of the salt industry to achieve universal salt iodization (USI)

Andreas Blüthner / 0201 / TU & WE
Fortification of staple foods in Central America

Andreas Blüthner / 0202 / TU & WE
The affordable nutritious foods for women (ANF4W) partnership

INNOVATIVE PROGRAM OR DELIVERY MODELS

Felix Brooks-Church / 0016 / TU & WE
Bridging the gap between national nutrition programming and rural at-risk communities through small-scale fortification

Ann Micka / 0248 / TH & FR
Addressing a gap in prenatal and postnatal multiple-micronutrient supplement coverage for low-income pregnant and lactating women in the United States

Vani Sethi / 0024 / TU & WE
Harnessing power of women collectives to deliver proven nutrition-sensitive and nutrition-specific interventions for improving women's nutrition in three Indian states — Bihar, Chhattisgarh, and Odisha

Sourav Bhattacharjee / 0025 / TU & WE
Are women's collectives' effective vehicles for improving women's nutrition in tribal eastern India? Findings of a scoping study

Sisay Sinamo Boltana / 0026 / TU & WE
The impact of community resource persons on demand and uptake of biofortified crops: a case study of Northern Uganda

Sanjay Rijal / 0038 / TU & WE
Improving the consumption of vitamin 'A' rich food among children age 6-23 months through child cash grant in the most deprived areas of Nepal

Panam Parikh / 0055 / TU & WE
Can including milk in a phytate-rich local diet be an effective strategy to combat zinc deficiency?

Lelisse Keno / 0061 / TU & WE
Influence of community maternal and newborn health and nutrition (CMNHN) family meetings on maternal and newborn nutrition in pastoralist community, Afar region, Ethiopia

Myriam Sidibe / 0073 / TU & WE
Follow in my green footsteps: a branded school- and community-based programme to improve iron intake in Nigeria

Aregash Samuel Hafebo / 0076 / TU & WE
Knowledge, attitude and practices of caregivers using MNPs in a program setting in Ethiopia

Giriraj Subedi / 0089 / TU & WE
Increasing consumption of adequately iodized salt in two priority districts of Nepal

Kamran Rizvi / 0092 / TU & WE
Positioning maternal nutrition at the centre of undernutrition reduction strategy: a case study from Uttar Pradesh

Getu Tarekegn / 0115 / TU & WE
Integrating vitamin A supplementation (VAS) intervention into routine health systems for program sustainability in Ethiopia

Justine Kavle / 0288 / TU & WE
Community-based distribution of iron-folic acid supplementation: evidence and program implications for anemia programming for women and girls

Keith Porter / 0136 / TU & WE
Motivational factors of village health volunteers (VHV) delivering nutrition services in Cambodia

Roland Kupka / 0145 / TU & WE
The role of micronutrient powders in improving complementary feeding practices

Martina Northrop-Lyons / 0150 / TU & WE
Village Lao women's union volunteers are instrumental in the uptake of the superkid home fortification programme with micronutrient powders (MNP) in Lao PDR

Fanny Sandalinas / 0123 / TH & FR
Child health days (CHD): an opportunity to strengthen birth registration

Dipankar Chakma / 0125 / TH & FR
Making markets work for women (M2W2): an innovation achieving household micronutrient adequacy through poultry raising

Md. Ataur Rahman / 0130 / TH & FR
Improved interpersonal counselling (IC) by health workers and supply chain enhances the utilization of iron-folic acid supplements (IFAS) among pregnant mothers in selected districts of Bangladesh: a case study

Kroeun Hou / 0132 / TH & FR
A community based distribution strategy using village health volunteers (VHV) is effective in increasing coverage of micronutrient powders (MNPs) among children 6-24 months in Cambodia

Marti J. van Liere / 0136 / TH & FR
Understanding and increasing the potential of markets to improve infant and young child nutrition: using a program impact pathway

Edgar Onyango / 0137 / TH & FR
Use of early child development centres (ECD) increases coverage of routine vitamin A supplementation (VAS) to children 12 to 59 months of age

Tausif Janjua / 0139 / TH & FR
Demonstrating a model to reach target population in geographical areas not covered by lady health workers (LHW) in Pakistan

Victoria Azodoh / 0140 / TH & FR
External monitoring of maternal new-born and children health weeks with SMART tablets improves accountability and transparency

Payal Gupta / 0152 / TH & FR
Essential program elements to scale up the use of zinc and ORS in childhood diarrhoea treatment program: experiences from Asia

POSTER PRESENTATIONS

Jeanne Ejigui / 0157 / TH & FR

Design of an operational implementation approach for scaling of community-based home fortification (HF) program coupled with IYCF in four health districts (HD) in the northern region of Cameroon

Letje Reerink / 0194 / TH & FR

Factors for successful implementation of market based approaches to deliver micronutrient powders to communities

Manoj Raut / 0198 / TH & FR

Revitalising iron and folic acid (IFA) supplements for pregnant women as a key component of the ante-natal care (ANC) package: program experiences of demonstration projects in two populous countries of Bangladesh and Indonesia in Asia

Elisa Cadena / 0201 / TH & FR

National program for the prevention and reduction of nutritional anemia for infants and young children

Elijah Mbiti / 0206 / TH & FR

Effectiveness of non-conventional delivery platforms in improving access of ORS and zinc in Narok County, Kenya

Marcela Saises / 0209 / TH & FR

Fortified rice-mongo curls: opportunity for improving the nutritional requirements of children six (6) months to five (5) years old for iron and zinc

Sudeep Sharma / 0228 / TH & FR

Village-level wheat flour fortification to improve the nutritional status of tribal population

Lauren Wilner / 0234 / TH & FR

Successful improvement of micronutrient content in corn soy blend (CSB) porridge used for treatment of moderate acute malnutrition (MAM) through a social behavior change communication (SBCC) intervention aimed at increasing amount of added fortified vegetable oil (FVO)

IRON, ZINC, VITAMIN A, IODINE, VITAMIN B12, FOLATE, VITAMIN D, MULTIPLE MICRONUTRIENTS

Julián Herrera Mejía / 0003 / TH & FR

Calcium effect on genes expression involved in non-heme iron absorption by intestinal epithelial cells: Caco-2

Kifle Habte / 0004 / TH & FR

Iron, folate and vitamin B12 status of Ethiopian professional runners

Umesh Kapil / 0007 / TH & FR

Status of iodine nutrition among pregnant mothers in selected districts of Uttarakhand, India

Selekane Ananias Motadi / 0010 / TH & FR

Iodine nutritional knowledge of food handlers: a Capricorn and Waterberg district study, Limpopo Province, South Africa

Tsedeke Hailemariam / 0018 / TH & FR

Availability of adequately iodized salt on prevention of iodine deficiency disorders at household level and associated factors in Lalo Assabi District, West Wollega Zone, Oromia region, west Ethiopia

Ijeoma Eboagwu / 0012 / TH & FR

Physical and sensory properties of soycheese as a potential carrier for micronutrient sprinkles production

Alejandra Contreras-Manzano

0023 / TH & FR

Vitamin D deficiency (VDD) and insufficiency (VDI) was associated with cardiovascular risk factors in 20-49 years of age

Manju Reddy / 0033 / TH & FR

Novel iron enriched *aspergillus oryzae* that has similar absorption as ferrous sulfate in humans: potential to be used as a fortificant

Laura Hackl / 0043 / TH & FR

Iron bioavailability from ferric pyrophosphate in extruded rice cofortified with zinc oxide or zinc sulfate: a human stable isotope study

Marly Cardoso / 0045 / TH & FR

Home fortification with a multiple micronutrient powder reduces vitamin A deficiency in young Brazilian children

Helena Pachón / 0053 / TH & FR

Relationship between fortified wheat flour consumption and prevalence of iron deficiency and anemia in Colombia.

Taddese Alemu / 0060 / TH & FR

Level of dietary factors inhibiting bioavailability of iron in major prepared "ready to eat" foods consumed by pregnant mothers in rural Arsi, central Ethiopia

Elad Tako / 0071 / TH & FR

Studies of cream seeded carioca beans (*phaseolus vulgaris* L.) from a Rwandan efficacy trial: in vitro and in vivo (including effects on intestinal microbiome) screening tools reflect human studies and predict beneficial results from iron biofortified beans

Marinel Rothman / 0103 / TU & WE

Feeding practices in relation to nutritional status of 6-month old infants from a peri-urban setting in South Africa

Nancy Krebs / 0109 / TU & WE

Maternal preconception anthropometry in four diverse sites prior to nutrition intervention

Fernando Pizarro / 0113 / TU & WE

Calcium does not affect zinc absorption in humans

Gabriela Galan / 0114 / TU & WE

Blueberry inhibit the absorption on non-heme iron

Mamady Daffe / 0118 / TU & WE

Assessing iodine content in salt and mapping salt production in Guinea

Brekhnna Aurangzeb / 0143 / TU & WE

Hemoglobin, calcium and bone mineral density in children with coeliac disease

Imelda Dugay / 0157 / TU & WE

A double-blind randomized placebo-controlled trial evaluating the effect of micronutrient powder (MNP) on urinary iodine levels of Filipino children aged 4–6 years

Sokhoing Ly / 0255 / TU & WE

Median urinary iodine concentrations are indicative of adequate iodine status among women of reproductive age in Prey Veng, Cambodia

POSTER PRESENTATIONS

Malavika Vinodkumar / 0196 / TU & WE
A study in improving micronutrient status of women and children in communities using crystal salt enriched with multiple micronutrients

Valeria Galetti / 0206 / TU & WE
Population biomarker kinetics of iron status and hepcidin during iron fortification in Moroccan children: a double-blind, randomized controlled trial

Kerry Schulze / 0225 / TU & WE
Newborn micronutrient status in the JiVitA-3 trial of antenatal multiple micronutrient (MM) and iron-folic acid (IFA) supplementation

Jeannine Baumgartner / 0232 / TU & WE
Iodine status of complementary-fed South African infants receiving lipid-based nutrient supplements: a randomized controlled trial

Cecília Zanin Palchetti / 0233 / TU & WE
Association between serum unmetabolized folic acid concentrations and folic acid from fortified foods

Edwin Habeych / 0235 / TU & WE
Multifortification of bouillon in central and east Africa — feasibility and cost efficiency

LEADERSHIP AND CAPACITY DEVELOPMENT

Aynalem Firew / 0044 / TH & FR
Building capacity in continuous quality improvement for maternal nutrition in the Afar region of Ethiopia

Hajira Amin / 0051 / TH & FR
Knowledge and skills retention among community volunteers following community maternal and newborn health and nutrition (CMNHN) training in the Afar region of Ethiopia

Chitrarpita Saha / 0092 / TH & FR
Identification and promotion of positive deviant behaviours (PDB) regarding infant and young child feeding (IYCF) among rural mothers for improving child health and nutrition—a cross sectional study

Jessica Fanzo / 0134 / TU & WE
Ethical dilemmas of improving undernutrition: a moral obligation to coordinate and collaborate

Hala Boukerdenna / 0229 / TU & WE
Management of conflicts of interest in the context of food fortification in public health

Rosemary Mwaisaka / 0238 / TU & WE
Assessment of capacity needs for effective monitoring of nutritious and fortified foods in the ECSA region

Deepti Gulati / 0240 / TU & WE
Bridging the nutrition gap through public private partnership

Deepti Gulati / 0230 / TH & FR
Edible oil fortification in Rajasthan: enriching foods, enriching lives

METHODS FOR ASSESSING HUMAN FUNCTION IN MICRONUTRIENT INTERVENTIONS

Hassan Aguenau / 0068 / TH & FR
Practices of mothers and health professionals about complementary feeding in twelve basic health care facilities in Casablanca, Morocco

Hassan Aguenau / 0084 / TU & WE
Risk factors and epidemiology of neural tube defects in Morocco

K. Michael Hambidge / 0108 / TU & WE
Physiological zinc (Zn) requirements during pregnancy and lactation are achieved by indigenous Guatemalan women consuming a plant-based, high phytate diet

Tausif Janjua / 0143 / TH & FR
Review of potassium iodate (KIO₃) supply chain mechanism for universal salt iodization program (USIP) in Pakistan

Sherry Tanumihardjo / 0178 / TH & FR
A review of the biomarkers of nutrition for development document for vitamin A

MICRONUTRIENTS IN EMERGENCIES, REFUGEES, AND FOOD AID DEPENDENT POPULATIONS

Ismael Ngnie-Teta / 0082 / TH & FR
Maintaining high coverage vitamin A supplementation in the context of community quarantines during Ebola epidemic in Guinea

Henry Mark / 0178 / TU & WE
Distributing micronutrient powders in an emergency: experiences from 3 Boko Haram conflict affected north Nigeria states

Ifeyanyi Maduanusi / 0181 / TU & WE
Implementation of the maternal, new-born and child health week in the conflict affected north Nigerian state of Borno

Aly Diana / 0214 / TH & FR
Acceptability of a novel beef powder added to infant and young child complementary foods in West Java, Indonesia

MICRONUTRIENTS, OVERWEIGHT AND OBESITY

Gisela María Pita-Rodríguez / 0011 / TH & FR
Adiposity indicators, inflammation and anemia in women of childbearing age

Wilna Oldewage-Theron / 0019 / TH & FR
Is overweight and obesity associated with multiple micronutrient deficiencies in low-income women? A case study from Qwa-Qwa, South Africa

Diane Baik / 0032 / TH & FR
Positive deviance/hearth (PDH), a food-based approach to increase consumption of vitamin A and iron-rich foods and rehabilitate malnourished children in Shribordi, Bangladesh

Sophonney Prak / 0035 / TH & FR
Double burden of malnutrition in Cambodia: micronutrient deficiencies are prevalent in both undernourished and overweight women

Dessalegn Ajema / 0056 / TH & FR
Assessment of the magnitude of double burden of malnutrition and its associated factors among selected in-school adolescents in Arba Minch Town, southern Ethiopia: school based cross sectional study

Christian Razo-García / 0112 / TU & WE
Adiposity and diet in women in the second to third trimester of pregnancy

POSTER PRESENTATIONS

Olga P. García / 0146 / TU & WE

Zinc deficiency increases the risk of chronic inflammation in a school-aged population of children with a high prevalence of obesity

Alberto Prieto Patron / 0198 / TU & WE

What is the role of maternal education and early feeding recommendations to fight anemia and overweight in 6-23 month old children? Evidence from 87 demographic and health surveys

Paulina Estrella / 0200 / TU & WE

Vitamin A and E are associated with markers of obesity, inflammation and insulin resistance in Mexican school-aged children

Elaine A. Yu / 0216 / TU & WE

The dual burden diabetes and tuberculosis among women and men with low adiposity in rural South India

MONITORING AND SURVEILLANCE FOR TRACKING PROGRESS AND PROGRAM IMPROVEMENT

Daniel Muhinja / 0038 / TH & FR

Multiple micronutrient powder supplementation in Turkana central, south and east: a program review by World Vision

Vijaya Kancherla / 0041 / TH & FR

A 2015 global update on folic acid-preventable spina bifida and anencephaly

Dorene Asare-Marfo / 0047 / TH & FR

Adoption rate of high iron bean varieties in Rwanda: results from a census of bean producing households

Hassan Aguenauou / 0070 / TH & FR

Exclusive breastfeeding in Rabat and outskirts, Morocco: risk factors for non-compliance

Elvina Karyadi / 0113 / TH & FR

Improved quality assurance and quality control and USI regulatory monitoring increase adequately iodized salt in Central Java province, Indonesia

Cherry Maramag / 0114 / TH & FR

Availability of vitamin A fortified unbranded and branded vegetable cooking oil in public markets in a province of the Philippines using lot quality assurance sampling

Jillian L. Waid / 0118 / TH & FR

The association of food price change and homestead food production with dietary diversity of women in Bangladesh

Jessica Farebrother / 0119 / TH & FR

Monitoring iodine nutrition: program recommendations to reduce excessive iodine intakes in eastern Africa

Miriam Bwengye / 0124 / TH & FR

Accurate and cost effective methods for monitoring and inspection of food fortification programs in Uganda

Emmanuel Odu / 0127 / TH & FR

Nigeria reaches 246 million children with vitamin supplementation through the maternal new-born and child health week campaign

Stanley Chitekwe / 0167 / TU & WE

Increased coverage of vitamin A supplementation in Nigeria is tainted by rising programme inequities

Annette Imohe / 0168 / TU & WE

Determining barriers to universal coverage of nutrition interventions delivered through the maternal new-born and child health weeks in Nigeria

Chinwe Ezeife / 0170 / TU & WE

The evolution of Nigeria's vitamin A campaign into an integrated platform for delivering nutrition and health interventions nationally

Prakash Kotecha / 0188 / TU & WE

Child anemia control: a feasibility study within the government set up in Uttar Pradesh, India

Sanjeev Kumar / 0192 / TU & WE

Capacity building of community level health workers and equipping them with supplies to enhance care seeking and usage of zinc and ORS for management of childhood diarrhoea through public sector in Gujarat, India

Svenja Jungjohann / 0197 / TU & WE

Commercial monitoring of oil fortification to assess availability and compliance of local oil brands fortified with vitamin A in Mozambique

Van Khanh Tran / 0222 / TU & WE

Knowledge attitude and practices among consumers regarding fortified foods in Vietnam

Sueppong Gowachirapant

0224 / TU & WE

Iodine status of Thai school-aged children and women of reproductive age living in the same household

Moudod Hossain / 0230 / TU & WE

Formulation of the Bangladesh national micronutrient strategy: a big tent approach for better outcomes

Sangeeta Saxena / 0241 / TU & WE

Analyzing family and health survey data of India regarding nutritional indicators

OTHER MICRONUTRIENT-RELATED INTERVENTIONS (E.G. AGRICULTURE, BIOFORTIFICATION, EDUCATION, SOCIAL PROTECTION)

Changpyo Lee / 0015 / TU & WE

Improvement of agriculture production, food accessibility and consumption by a 2.5 year of new natural farming programs in post conflict areas in Sri Lanka

Muneta Grace Manzeke / 0028 / TU & WE

Agronomic biofortification of cowpea (*vigna unguiculata* (L.) walp.) with zinc: potential avenue for ameliorating micronutrient malnutrition among rural households

Amynah Janmohamed / 0041 / TU & WE

Improved toilets are associated with higher hemoglobin concentrations among rural Cambodian women in the first trimester of pregnancy

Abebe Haile / 0046 / TU & WE

Proximate analysis and sensory evaluation of cookies developed from blend of moringa stenopetalla leaf powder with wheat flour for lactating mothers and pregnant women

Jan Low / 0050 / TU & WE

Uptake of biofortified orange-fleshed sweetpotato (OFSP), changes in health service utilization, and nutritional impact in an integrated agriculture-health intervention in Western Kenya

Taddese Zerfu / 0067 / TU & WE

Dietary diversity during pregnancy reduced the risk of maternal anemia, low birth weight, and pre-term birth in a prospective cohort study in rural Ethiopia

Endale Amare / 0081 / TU & WE

Flour blending as a natural fortification means to enrich micronutrient level of a staple food teff injera used as complementary food in Ethiopia

POSTER PRESENTATIONS

Nassul Kabunga / 0096 / TU & WE
Cattle ownership, childhood malaria
and anemia in Uganda

Diriba Kumssa / 0097 / TU & WE
Could *moringa oleifera* and *m. stenopetala*
increase human dietary mineral supply in
sub-Saharan Africa?

Amy Webb Girard / 0100 / TU & WE
An integrated agriculture, nutrition and
health project promoting orange flesh sweet
potato improved infant vitamin A consumption
but not vitamin A status in Western Kenya

Elise F. Talsma / 0085 / TH & FR
Acceptance and adoption of biofortified
crops by vulnerable populations

Elise F. Talsma / 0093 / TH & FR
Retention of zinc in biofortified rice and maize
during processing and cooking

Arasur Lakshmanaswamy Iswarya
0249 / TH & FR
Nutritional & anti-nutritional composition
of bio fortified pearl millet

Mourad Moursi / 0115 / TH & FR
Rice zinc biofortification reduces prevalence
of zinc inadequacy among adult women
in Bangladesh, the Philippines, and Indonesia

Meredith Jackson-deGraffenried
0129 / TH & FR
Affordable nutritious foods for women
(ANF4W) project: improving micronutrient
intake through an integrated communication
strategy, enhanced homestead food
production, and rice fortification

Carol Henry / 0188 / TH & FR
Phenolic, carotenoid, tocopherol, antioxidant
and fatty acid composition of commonly
consumed Canadian yellow pea, lentil and
chickpea cultivars

Carol Henry / 0207 / TH & FR
Assessing the use of traditional household
pulse processing and consumption
for improved food and nutrition security

Imelda Dugay / 0227 / TH & FR
Knowledge, attitude and practices of
day care pupils' caregivers in La Trinidad,
Benguet, Philippines

Susan Whiting / 0236 / TH & FR
Using supplemental calcium, milk or
moringa to mitigate fluorosis: a human trial
conducted in the Rift Valley of Ethiopia

Elizabeth Parkes / 0237 / TH & FR
Effect of processing on total carotenoid
content in selected yellow root cassava
varieties and their products

Getahun Ersino / 0241 / TH & FR
A nutrition education intervention affects the
diet-health related practices and nutritional
status of mothers and children in a pulse-
growing community in Halaba, south Ethiopia

PREVALENCE AND RISK FACTORS FOR MICRONUTRIENT STATUS (DEFICIENCY, OVERLOAD)

Yalelet Chuchu / 0001 / TU & WE
Bone healing, serum level of vitamin D
and associated factors at early phase
among adult fractured patients in University
of Gondar Hospital, Ethiopia

Vanisha Nambiar / 0003 / TU & WE
Relationship between prevalence of anemia
and pearl millet consumption patterns
among rural women of Gujarat, western India

Jessica Ayensu / 0004 / TU & WE
Antioxidant micronutrient status and
pregnancy outcomes in Ghanaian adolescents
attending antenatal clinic in urban
(Sunreso) and rural (Mampong) hospitals

Gisela María Pita-Rodríguez
0008 / TU & WE
Helicobacter pylori infection is not
associated with anemia, iron deficiency
and inflammation in women of
reproductive age in Havana, Cuba

Imane El Harchaoui / 0014 / TU & WE
Dietary patterns, nutritional knowledge,
prevalence and risk factors for anemia
among school children in Morocco

Frank Tammo Wjeringa / 0017 / TU & WE
High prevalence of anemia in Cambodian
women and children can only be partly
attributed to nutritional factors and
hemoglobinopathy

Chinagorom Asinobi / 0018 / TU & WE
Assessment of iron status and its
predisposing factors among pregnant women
in Owerri, municipality, Imo state, Nigeria

Nicolai Petry / 0019 / TU & WE
In Rwandese women with low iron status,
iron absorption from low phytic acid
beans and biofortified beans is comparable,
but low phytic acid beans cause adverse
gastrointestinal symptoms

Brenda A.Z. Abu / 0020 / TU & WE
Micronutrient deficiencies among apparently
healthy school-aged children in rural
Cofimvaba, Eastern Cape, South Africa:
a community-based cross-sectional study

James P. Wirth / 0022 / TU & WE
Anemia and micronutrient deficiencies
in pre-school aged children and
non-pregnant women in Azerbaijan

Sonja Y. Hess / 0029 / TU & WE
Iodine status of pregnant women and
school-age children in Zinder, Niger

Fabian Rohner / 0031 / TU & WE
Consumption of iodized salt by women
of reproductive age in Sierra Leone
is associated with better iodine status
and greater equity in iodine status

Hassan Aguenau / 0032 / TU & WE
Vitamin D, calcium and phosphorus status
in Moroccan obese women

Tanimoune Mahamadou / 0040 / TU & WE
Novel assays for micronutrient surveys:
testing suitability of 2 anaemia diagnostic
tools in Mahama refugee camp, Rwanda

Kassandra Harding / 0042 / TU & WE
Tackling anemia in South Asia

Rajwinder Harika / 0045 / TU & WE
Micronutrient status and intake
in adolescents and women from four
African countries

Naima Saeid / 0047 / TU & WE
Dietary sodium and potassium intakes
among Moroccan children aged 6 to 14 years

Ngozi Nnam / 0048 / TU & WE
Vitamin A and iodine status of children aged
6-59 months in Kaduna State, Nigeria

Amina Bouziani / 0049 / TU & WE
Evaluation of calcium status in Moroccan
children by analyzing the 24h-urine excretion

POSTER PRESENTATIONS

Frederick Kobina Grant / 0053 / TU & WE
Correcting for inflammation modifies estimates of vitamin A and iron deficiencies among pregnant women in Western Kenya

Tamene Taye Asayehu / 0056 / TU & WE
Dietary behavior, food and nutrient intake of women do not change during pregnancy in southern Ethiopia

Han'a Al-Rabadi / 0058 / TU & WE
Supporting positive behaviours to reduce anaemia in the West Bank

Neha Sareen / 0062 / TU & WE
Prevalence of vitamin D deficiency and associated risk factors amongst children residing at high altitude in Shimla district, Himachal Pradesh, India

Amal Saeed / 0063 / TU & WE
Anemia and iron deficiency among adolescent Sudanese school girls

Fabian Rohner / 0064 / TU & WE
Iodine status of women of reproductive age and school-age children in Burkina Faso and its association with adequately iodized household salt—results from a national survey

Fabian Rohner / 0065 / TU & WE
Prevalence of anemia among women of childbearing age, preschool-age and school-age children in Burkina Faso—results from a national survey

Thalia Manfrin Martins Deminice / 0066 / TU & WE
Vitamin A deficiency in the mother-infant pair: four criteria analysis

James P. Wirth / 0023 / TU & WE
Anemia determinants and severity of micronutrient deficiencies and malaria in children and non-pregnant women in Sierra Leone prior to the Ebola outbreak

Carol Henry / 0068 / TU & WE
Hemoglobin concentration and diet diversity of young children in Boricha district, Sidama zone, southern Ethiopia

Kassandra Harding / 0071 / TU & WE
Relationships between women's education and children's micronutrient status: global patterns and trends

Xiaoguang Yang / 0072 / TU & WE
Micronutrient nutrition status of pregnant women in China

Quynh Anh Tran / 0075 / TU & WE
Practice of mother's young child feeding and nutritional status of children aged 6-23 months in midland area, Vietnam

Min Li / 0078 / TU & WE
Study on the anemia status of Chinese population

Nga Tran Thuy / 0083 / TU & WE
Assessment of micronutrient deficiencies among children in urban, rural and mountainous areas in Vietnam

Jing Chen / 0091 / TU & WE
Vitamin D status for healthy old people in Chinese cities

Sabuj Kanti Mistry / 0094 / TU & WE
Prevalence of anemia and its correlation with malnutrition among Bangladeshi adolescent girls: findings from a nationwide survey

K. Ryan Wessells / 0098 / TU & WE
Micronutrient status of pregnant women in Zinder, Niger and determinants of risk

Tibebu Moges / 0101 / TU & WE
Dietary intake and nutritional status are poor among adolescent girls in Ethiopia

Ashagrie Woldegiorgis / 0102 / TU & WE
Ensuring the safety of complementary foods produced at community levels using locally available ingredients in Ethiopia

Moirá Donahue Angel / 0107 / TU & WE
Prevalence of iron deficiency and iron deficiency anemia in the northern and southern provinces of Rwanda

Bridget Aidam / 0119 / TU & WE
Predictors of anemia among infants in a rural district in Ghana

Elsa Berenice Gaona Pineda / 0124 / TU & WE
Contribution of PROSPERA program supplements to nutrient intake by socioeconomic status in children in Mexico

Faruk Ahmed / 0125 / TU & WE
Anaemia and iron deficiency in Bangladeshi pregnant women living in areas of high and low iron in ground water

Chandrakant S. Pandav / 0126 / TU & WE
India on the threshold of achieving USI-evidence from the first ever national iodine and salt intake survey, 2015

Kapil Yadav / 0127 / TU & WE
Optimal iodine status among women of reproductive age at national level may mask significant sub-national differentials—evidence from the first national iodine and salt intake survey, 2015, India

Mohammed Amine Radouani / 0130 / TU & WE
Prevalence and factors associated with anemia pregnancy in a group of Moroccan pregnant women

Kaoutar Benjeddou / 0132 / TU & WE
Nutritional status and vitamin D deficiency among rural school children in Morocco

Wanqi Zhang / 0137 / TU & WE
The associations between thyroid volume and goiter rate with iodine intake levels in school-age children from high water iodine areas

Sonja Nicholson / 0138 / TU & WE
Nutritional insufficiencies and obesity in women of childbearing age in an affluent nation; findings from the UK national diet and nutrition survey rolling programme (NDNS-RP)

Ana María Gómez Álvarez / 0140 / TU & WE
Deficiencia de zinc y cobre séricos en mujeres en edad reproductiva

Simon Wieser / 0142 / TU & WE
Societal costs of micronutrient deficiencies in 6-59-month-old children in Pakistan

Katherine Wander / 0144 / TU & WE
Associations between iron status and prevalent and incident infectious disease among children in Kilimanjaro, Tanzania

Rachel Burke / 0148 / TU & WE
Vitamin A deficiency in a cohort of Bolivian infants

Meron Girma / 0106 / TH & FR
Vitamin D insufficiency among lactating women in southern Ethiopia: a sunshine abundant region

Leah Perlas / 0108 / TH & FR
Micronutrient status of Filipino women of reproductive age

POSTER PRESENTATIONS

Christian Razo-García / 0109 / TH & FR
Dietary intake in healthy Mexican pregnant women

Kendra Byrd / 0110 / TH & FR
Seasonal variation of kilocalorie, iron, and zinc intake among infants in rural, Western Kenya: an observational study nested within the WASH benefits randomized controlled trial

Leila Larson / 0111 / TH & FR
Approaches to understand and adjust retinol binding protein concentrations in the presence of inflammation in preschool-aged children and women of reproductive age: a multi-country analysis

Tazeen Tahsina / 0117 / TH & FR
Prevalence of anaemia among pregnant women in rural Bangladesh: do socio-demographic factors matter?

Prosper Kujinga / 0120 / TH & FR
Assessing micronutrient status in the presence of inflammation: comparing approaches in children aged 2-6 years from rural Western Kenya

Lijuan Wang / 0253 / TU & WE
Assessment of iron status for women in China: national health and nutrition survey 2010-2012

Zuguo Mei / 0135 / TH & FR
Is erythrocyte protoporphyrin a better screening test for iron deficiency in children and women compared to hemoglobin or mean cell volume?

Andinet A. Hailu / 0138 / TH & FR
Inadequacy of dietary intakes among pregnant women in Ethiopia

James P. Wirth / 0144 / TH & FR
Prevalence of anemia and micronutrient deficiencies in children and non-pregnant women in urban areas of Mozambique

Jorge Rosenthal / 0145 / TH & FR
The association between red blood cell folate concentration and deficient or marginally deficient vitamin B12 status: a national population-based study of women of childbearing-age in Belize

Carmina Lucía Vargas-Zapata / 0147 / TH & FR
Levels of indicators of bone remodeling during pregnancy of low socioeconomic status women attending in public hospitals from Barranquilla-Colombia

Youness Taboz / 0150 / TH & FR
Sentinel study of the consumption of fortified wheat flour with elemental iron and folic acid on the status of women of childbearing age in Morocco

Jacky Knowles / 0151 / TH & FR
Factors associated with household access to adequately iodised salt: initial findings from the 2014 national iodine survey in Senegal

Youness Taboz / 0153 / TH & FR
Iron and folic acid status of children 6 to 59 months in Morocco three years after the commercialization of wheat flour fortified with elemental iron and folic acid

Ndeye Khady Touré / 0154 / TH & FR
Association between household access to adequately iodised salt and population iodine status: findings from the 2014 national iodine survey in Senegal

Manjeswori Ulak / 0155 / TH & FR
Prevalence of vitamin A deficiency among lactating mothers and infants in Bhaktapur, Nepal

Khadija Begum / 0156 / TH & FR
Prevalence and predictors of antenatal care (ANC) seeking and adherence to iron-folic acid (IFA) recommendation among pregnant women in Zinder, Niger

Hasina Rakotomanana / 0158 / TH & FR
The determinants of stunting in children under five in Madagascar

Youness Taboz / 0160 / TH & FR
Determination of nutritional status of vitamins A and D3 among the Moroccan population

Ana M. Palacios / 0161 / TH & FR
Factors associated with anemia in infants from rural Retalhuleu, Guatemala

Jenna Golan / 0163 / TH & FR
Predictors of anemia in female caregivers in the Lake Zone of Tanzania

Lisa Houghton / 0165 / TH & FR
Iron deficiency persists among Maasia but not Kamba preschoolers participating in a supplementary feeding programme in southern Kenya

Martti Esala / 0168 / TH & FR
Diagnosis and management of soil micronutrient deficiencies in sub-Saharan Africa for improved plant, animal and human nutrition

Hassan Aguenauou / 0169 / TH & FR
Determination of the correlation of iodine deficiency and excess sodium in the 24h urine among Moroccan schoolchildren

Abebe Gebremariam / 0173 / TH & FR
Lactating mothers feeding practice and anemia; an implication for intervention, a case of Jimma district rural setting, Ethiopia

María Eugenia Flores-Quijano / 0174 / TH & FR
Hepcidin is upregulated by obesity and may exert a detrimental effect on iron status during pregnancy

Mariela Camacho Barrón / 0176 / TH & FR
The relationship between obesity, inflammation markers, micronutrients and insulin resistance in school age child

Zipporah Bukania / 0179 / TH & FR
The relationship between blood pressure, body iron stores and urinary iodine in healthy women of reproductive age in rural Eastern Kenya

Alejandra Castañeda-Díaz de León / 0182 / TH & FR
Nutritional status and micronutrients intake in indigenous children

Guadalupe López-Rodríguez / 0184 / TH & FR
Relationship between pollution heavy metals and anemia among Mexican schoolchildren

Susan Whiting / 0186 / TH & FR
Vitamin D deficiency is a predictor for overweight and/or obesity among schoolchildren in central Ethiopia

POSTER PRESENTATIONS

Ranjan Kumar Jha / 0191 / TH & FR
Study on iodine loss during movement of iodized salt from production unit to retail end

Junio Dort / 0192 / TH & FR
Current state of micronutrient deficiencies in Haiti

Maria Claret Costa Monteiro Hadler / 0193 / TH & FR
Folic acid and anemia in children 6 to 24 months of age

Zaynah Chowdhury / 0196 / TH & FR
Caregiver feeding behaviors are associated with dietary diversity at 24 months of age in rural Bangladesh

Derek Headey / 0197 / TH & FR
Anemia enigma: exploring the rapid reduction of child anemia in developing countries

Alison D. Gernand / 0199 / TH & FR
Application of a machine learning approach to identify predictors of vitamin D status in pregnancy

Yeneisy Lanyau Domínguez / 0208 / TH & FR
Homocysteine and vitamins levels in Cuban elderly with Alzheimer's disease (AD) or mild cognitive impairment (MCI)

Mildred Guirindola / 0210 / TH & FR
Maternal health and nutrition and infant and young childfeeding: findings from the 8th national nutrition survey

Mengistu Fereja / 0213 / TH & FR
Prevalence of iodine deficiency and associated factors among pregnant women in Ada district, Oromia region, Ethiopia: a cross-sectional study

Feven Tezera / 0215 / TH & FR
Dietary calcium intake and sunlight exposure among children aged 6-23 months in Dale woreda, southern Ethiopia

Adamu Belay / 0216 / TH & FR
Magnitude of iodine deficiency disorder in reproductive age women and school age children and iodized salt coverage in Ethiopia

Meaza Teklu / 0217 / TH & FR
Assessment of iron supplement utilization and associated factors among pregnant women's at Lideta sub city

Gemechu Kumera / 0218 / TH & FR
Prevalence of zinc deficiency and its association with dietary, serum albumin and intestinal parasitic infection among pregnant women attending antenatal care at the University of Gondar Hospital, northwest Ethiopia

Phillippe Belmont / 0223 / TH & FR
Determinants of anemia and iron, zinc, folate and vitamin B12 deficiencies among women of reproductive age in Ecuador

Julia Suryantana / 0225 / TH & FR
A comparison of the nutritional status of children under-five from different small-scale surveys in different regions in Indonesia

Elizabeth Rhodes / 0233 / TH & FR
Integrated DHS and national micronutrient surveys: a case study from Malawi

Camila Benaim Rodriguez / 0235 / TH & FR
Longitudinal changes in vitamin D concentrations during pregnancy among Brazilian women

Alex Brito / 0239 / TH & FR
Maternal vitamin B-12 status is negatively affected by high serum folate at early pregnancy: a prospective cohort of healthy pregnant women

Tolassa Wakayo / 0240 / TH & FR
Serum vitamin D levels are associated with handgrip muscle strength in Ethiopian schoolchildren: a cross-sectional study

Amanda Wendt / 0242 / TH & FR
Iron content in groundwater associated with anemia among children 6-37 months in rural Bangladesh

RISKS OR RISK/BENEFIT OF MICRONUTRIENT INTERVENTIONS

Hassan Agguenaou / 0085 / TU & WE
Impact of an outreach support on the exclusive breastfeeding at the age of 6 months

Teresa Shamah Levy / 0123 / TU & WE
Role of food assistance programs on anemia status in children <3 years old in Mexico

Carla Cerami / 0208 / TU & WE
Combating anemia with iron may inevitably cause a transient increase in risk of malaria

Sherry Tanumihardjo / 0181 / TH & FR
Provitamin A carotenoid bioconversion to retinol is drastically slowed when liver levels become excessive in Mongolian gerbils

Amanda Palmer / 0200 / TH & FR
Mathematical modeling predicts that six-monthly vitamin A supplementation from 6-59 months of age does not result in excessive total body vitamin A stores

STAKEHOLDER MAPPING AND ENGAGEMENT FOR MICRONUTRIENT INTERVENTIONS

Rachel Canclini Kettle / 0014 / TH & FR
The FTSE4Good's role in infant and young child nutrition: a question of legitimacy

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Engaging with salt traders helps make affordable iodized salt accessible to the most vulnerable households in Odisha, India

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Madeleine Smith / 0061 / TH & FR
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POSTER PRESENTATIONS

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Stakeholder engagement to develop a road map to initiative and scale up micronutrient powders linked with infant and child feeding promotion in Nigeria

Henry Mark / 0257 / TU & WE
A joint call to accelerate the attainment of fortification goals in Nigeria

TRANSLATING EVIDENCE INTO POLICY DECISIONS FOR MICRONUTRIENT INTERVENTIONS

Godfrey Oakley / 0034 / TH & FR
Contribution of total prevention of folic acid preventable spina bifida and anencephaly towards achieving health-related sustainable development goals in India

Janice Meerman / 0042 / TH & FR
Dietary choices in Malawi: trends and explanations

Arnaud Laillou / 0063 / TH & FR
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Lenore Spies / 0076 / TH & FR
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Melisa Espagnol / 0095 / TH & FR
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Judy McLean / 0151 / TU & WE
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Imelda Angeles-Agdeppa / 0160 / TU & WE
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Stanley Chitekwe / 0161 / TU & WE
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Shiva Raj Adhikari / 0162 / TU & WE
Cost-effectiveness analysis of the child nutrition week delivery strategy in earthquake affected districts in Nepal in 2015

Christopher Isokpunwu / 0252 / TU & WE
Nigeria develops 912 million USD nutrition plan with seven micronutrient interventions

Sophonney Prak / 0253 / TU & FR
Strengthened enforcement of a national code for breast milk substitutes can help support and protect breastfeeding practices in Cambodia

Pragya Methema / 0255 / TH & FR
Scaling up of micronutrient interventions in Nigeria: achievements, lessons learnt and the way forward

Indira Bose / 0176 / TU & WE
Fill the nutrient gap tool: a tool to strengthen nutrition situation analysis and the identification of context-specific strategies to improve nutrient intake among specific target groups

Anne Williams / 0191 / TU & WE
Quantifying market prices in Western Kenya and optimizing nutrient densities for weekly food budgets

Brenda Gamboa-Loira / 0193 / TU & WE
Dietary micronutrient intake and its relationship with arsenic metabolism in Mexican women

Jian Huang / 0195 / TU & WE
Setting the national standard of the multi-nutrient supplementary foods for pregnant and lactating women

Marti J. van Liere / 0204 / TU & WE
Partnering to achieve collective impact: translating evidence to policy

Helena Pachón / 0207 / TU & WE
Review of food fortification legislation, regulatory and monitoring documents

Sara Glass / 0220 / TU & WE
Ethical considerations for the use of biofortified of crops as a micronutrient intervention

Amster Fei Baquiran / 0226 / TU & WE
Mineral availability from naturally-and synthetically-fortified multi-nutrient growth mix (MGM) products

S. Raju / 0221 / TH & FR
The orphan crops: a rich source of micronutrients

Jody Harris / 0224 / TH & FR
Drivers of micronutrient policy change in three African countries: a policy process analysis

Sicily Matu / 0232 / TH & FR
Operational research on vitamin A supplementation for children aged 6 to 59 months by community health volunteers in Homabay County, Kenya

USE OF CASH TRANSFERS AND VOUCHERS TO IMPROVE MICRONUTRIENT NUTRITION

Katherine Ford / 0167 / TH & FR
Bolsa familia conditional cash transfer program and micronutrient status in western Brazilian Amazonian children



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