



ILSI News

International Life
Sciences Institute

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Bold and Energetic

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ILSI has officially implemented a new logo – one designed to catch the eye and convey the dynamism of the organization. It reflects the enthusiasm we have for our mission to deliver science leading to a healthier world.

While logo interpretation is often subjective, the seemingly abstract nature of the symbol has underlying meaning. The concentric circles simultaneously portray a stylized plasmid map signifying our focus on the life sciences and a world globe representing our international reach. The way in which the individual lines work together to create a unified form expresses our commitment to collaboration and is an emblem of the synergy of our work among ILSI entities and with our partners.

The logo was professionally designed by the Washington-based identity and brand agency, Beveridge Seay, Inc. Beveridge Seay's diverse client portfolio ranges from local wine bars to industry giants such as ExxonMobil. Beveridge Seay also did HESI's new visual identity in 2010.

Beveridge Seay's bold use of color and form have created an energetic logo that will be an effective tool to build recognition of ILSI's contribution to the science that helps make the world a better place. Implementation of the logo online and in print is part of an ongoing communications strategy to raise awareness of ILSI's value within the scientific community.



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Questions? Feedback?

We'd love to hear from you. Contact ILSI Communications Director Michael Shirreffs at: mshirreffs@ilsis.org

Like and Follow ILSI and Social Media

Since creating a professional communications function with ILSI in 2008, the ILSI Board of Trustees Communications Committee has been carefully laying out a sustainable, cost-effective strategy to raise awareness of ILSI's contribution to science. "We have such a good story to tell," Reg Fletcher, Committee Chair (and ILSI Europe Board Chair) said referring to ILSI's science "and we want to make sure more and more people hear it."

In addition to improving basic communications tools such as the website, annual report, and other traditional materials, ILSI has created Facebook and Twitter accounts to share information more broadly. "Facebook and Twitter are not strategies in and of themselves," Fletcher continued "but they are helpful tools – 'push technology' – that can be useful as part of a larger plan."

When asked what his ultimate goal was, Fletcher said for everyone to have a clear understanding of ILSI's core values, its effectiveness in fostering collaboration, and its prolific output of valuable conferences and publications.

Like us and Follow us to receive announcements on new publications, upcoming meetings and conferences, and other news.



2011 Annual Report is Online



This year's report focuses on ILSI's five Global Issues – science and health topics that have impact worldwide. They are risk assessment; biotechnology; functional foods; obesity; and new in 2011, water.



*ILSI Assembly of Members
2012 Annual Meeting, Phoenix, Arizona*

ILSI Annual Meeting

The Best in Collaboration

ILSI's Annual Meeting provides the premier opportunity for members, trustees, advisors, and staff from around the world to come together to share ideas on current programs, identify emerging issues, and outline future plans. This year's meeting in Phoenix, Arizona was no exception. Approximately 300 people attended the meeting representing 28 countries.

The program included concurrent scientific sessions and a series of business and planning meetings. Speaker presentations are available online: [2012 Presentations](#)

Next year's Annual Meeting will be held in Florida at the InterContinental Miami from 18 – 23 January 2013. Program information will be posted online as it becomes available: [2013AM](#)

Food Science – Food Security

ILSI was honored to have two exceptional keynote speakers this year: Philip Nelson, PhD, Purdue University (emeritus) and 2007 Food Prize Laureate, and George Mensah, MD, Vice President, Global R&D Nutrition, PepsiCo. These distinguished guests delivered both a challenge to help and words of encouragement about the ability to make a difference in feeding a hungry world.

Dr. Nelson had three messages: 1) think big; 2) food science and technology is critical for ensuring a safe, nutritious food supply, and 3) companies, nonprofits, university-based programs, and even one individual can make a difference in reducing poverty and hunger by preventing food losses and expanding local markets. He presented a range of government, NGO, and corporate examples of effective programs, and gave a more focused overview of Purdue University's



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International Food Technology Center (IFTC). IFTC's vision is to:

- Develop capacity building programs
- Focus on adapting and developing new preservation technologies
- Help small farmers
- Enhance food safety and quality
- Expand value added markets
- Continue indefinitely, not just engage in a one-time project

Dr. Nelson used innovations in aseptic processing, for which he was awarded the World Food Prize, as a case study to demonstrate how IFTC implements its vision for improving farm-to-market delivery of food. His presentation is online: [Food Security](#) (PDF)

Dr. Mensah also discussed the role food science and technology has and continues to play in feeding a global population that reached 7 billion people in 2011. His emphasis, however, was on the current trend in perceptions to equate “processed food” with unhealthy and unnatural food. Dr. Mensah's call to action was for ILSI to conduct, gather, and disseminate science demonstrating how processing contributes to basic health by improving (or preserving) the safety and nutritional profile of foods and how technology can be used to deal with health concerns linked to high intakes of sodium and saturated and trans fats. Dr. Mensah's presentation is available online: [Food Processing](#) (PDF)

Welcome to Our Newest Trustees

ILSI believes leading experts from academia, government, and industry can and should work together to identify and address health and science topics of common interest. ILSI's role is to foster collaboration and exchange of ideas among scientists from these and other sectors of society.

ILSI is governed by its Board of Trustees, which is composed of at least 50% public sector representatives and representatives of ILSI members. This public-private balance ensures that the funds provided by our industry members are used to conduct and disseminate science that is important and useful to many stakeholders.

You can find a full list of our members and Board of Trustees in the 2011 Annual Report, available online: [Annual Report](#)

At the 2012 Annual Meeting in January, ILSI elected these new trustees:

- Sam Cohen, University of Nebraska Medical Center, elected as Chair of the Board
- Adam Drewnowski, University of Washington
- Takeshi Kimura, Ajinomoto
- Janet King, Children's Hospital Oakland Research Institute
- Joann Lupton, Texas A&M University

ILSI also thanked these Board members for the years of volunteer service:

- Marc Bonnefoi, sanofi-aventis
- John Doull, University of Kansas Medical Center
- Barry Zoumas, Pennsylvania State University (deceased)

Recognizing Outstanding Staff

In 2011, the ILSI Board of Trustees initiated a staff recognition program by which outstanding staff from throughout ILSI's branch network are acknowledged for contributions that go above and beyond the normal job requirements. The first two employees to receive these kudos were Stéphane Vidry, PhD, ILSI Europe, and Marie Latulippe, MS, RD, ILSI North America. (Marie has since become a full time employee at ILSI Europe!)

Please join us in thanking Stéphane and Marie for their extra effort in helping ILSI achieve success.

ILSI is proud of the support our member companies provide, of the dedicated volunteer scientists who advise us, and of our hardworking staff.



*ILSI Board of Trustees
2012 Annual Meeting, Phoenix, Arizona*

New Publications

ILSI Europe

Tools for Microbiological Risk Assessment

J Bassett, et al. ILSI Europe Report Series, January 2012

This report aids the food safety manager by providing a concise summary of the tools available for the microbiological risk assessment (MRA) of food. The report evaluates techniques to characterize dose-response relationships; model growth, survival, and death of micro-organisms; model the food chain or specific processes within it; and integrate data from the various MRA stages. The information generated through conducting a risk assessment (e.g., risk estimate; ranking of risks; identification of key controlling or risk-generating factors; highlighting of data gaps) can assist governments in their role of setting national policies and criteria or in providing public health advice. It can assist industry in its goal to design innovative yet safe foods for consumers.

Available free online:
[Tools for MRA](#) (PDF)

ILSI North America

Meta-Analysis of ADHD or ADHD Symptoms, Restriction Diet, and Synthetic Food Color Additives

JT Nigg, et al. *Journal of the American Academy of Child and Adolescent Psychiatry*, 2012; 51(1): 86-97

The role of diet and of food colors in attention-deficit/hyperactivity disorder (ADHD) or its symptoms warrants updated quantitative meta-analysis in light of recent divergent policy in Europe and the United States. Studies were identified through a literature search using the PubMed, Cochrane Library, and PsycNET databases through February 2011. Twenty-four

publications met inclusion criteria for synthetic food colors; 10 additional studies informed analysis of dietary restriction. A random-effects meta-analytic model generated summary effect sizes. A restriction diet benefits some children with ADHD. Effects of food colors were notable were but susceptible to publication bias or were derived from small, nongeneralizable samples.

Available free online through Elsevier:
[Meta-Analysis of ADHD](#)

Dietary Supplement Use Is Associated With Higher Intakes of Minerals from Food Sources

RL Bailey, et al. *American Journal of Clinical Nutrition*, 2011; 94: 1376-1381

In this analysis the authors examined mineral intakes from the diet by supplement-use categories and how these supplements contributed to meeting or exceeding Dietary Reference Intakes for selected minerals. Conclusions suggest individuals who used mineral-containing dietary supplements had higher mineral intakes from food sources in the diet than did nonusers. For all minerals examined, and particularly for calcium and magnesium in men and women and iron in women, supplement use decreased the prevalence of intake inadequacy for each respective mineral. However, supplements contributed to risk of potentially excessive intakes for calcium, iron, zinc, and magnesium.

Available online through the journal:
[Dietary Supplement Use](#)

Early Markers of Adult Obesity: A Review

TD Brisbois, et al. *Obesity Reviews*, 2011 13: 347-367

The purpose of this review was to evaluate factors in early childhood

(≤ 5 years of age) that are the most significant predictors of the development of obesity in adulthood. Factors of interest included exposures/insults in the prenatal period, infancy and early childhood, as well as other socio-demographic variables such as socioeconomic status (SES) or birth place that could impact all three time periods.

Available for purchase online through Wiley-Blackwell: [Early Markers of Adult Obesity](#)

Food, Fortificants and Supplements: Where Do Americans Get Their Nutrients?

VL Fulgoni, et al. *Journal of Nutrition*, 2011; 141: 1847-1854

This analysis aimed to assess contributions of micronutrients to usual intakes derived from all sources (naturally occurring, fortified and enriched, and dietary supplements) and to compare usual intakes to the Dietary Reference Intake for US residents aged ≥ 2 y according to NHANES 2003-2006. Only a small percentage of the population had total usual intakes (from dietary intakes and supplements) below the estimated average requirement (EAR) for the following: vitamin B-6 (8%), folate (8%), zinc (8%), thiamin, riboflavin, niacin, vitamin B-12, phosphorus, iron, copper, and selenium ($< 6\%$ for all). However, more of the population had total usual intakes below the EAR for vitamins A, C, D, and E (34, 25, 70, and 60%, respectively), calcium (38%), and magnesium (45%). Only 3 and 35% had total usual intakes of potassium and vitamin K, respectively, greater than the adequate intake. Enrichment and/or fortification largely contributed to intakes of vitamins A, C, and D, thiamin, iron, and folate.

Available free online through PubMed:
[Nutrients](#)

New Publications (continued)

ILSI Research Foundation Center for Environmental Risk Assessment

A Review of the Environmental Safety of the Cry1Ab Protein

A CERA publication, December 2011

This document provides a review of information and data relevant to the environmental risk assessment of Cry1Ab. The gene for this protein was isolated from the soil bacterium *Bacillus thuringiensis* subsp. *kurstaki* strain HD-1. When expressed in transgenic plants, the Cry1Ab protein exhibits highly selective insecticidal activity against a narrow range of lepidopteran insects such as European corn borer (*Ostrinia nubilalis*).

Available free online in [English](#), [Portuguese](#), and [Spanish](#)

ILSI Welcomes Michael Wach

Michael Wach Joins the CERA Team

Please join us in welcoming Michael Wach, PhD, as a Senior Scientific Program Manager for the ILSI Research Foundation's Center for Environmental Risk Assessment. Dr. Wach is a regulatory specialist with a PhD in Plant Pathology (Cornell University) and a JD in Environmental Law (University of Oregon). His professional experience includes positions at the US Department of Energy (environmental protection specialist) the Biotechnology Industry Organization (Managing Director of Regulatory Affairs) and at US Department of Agriculture (Chief of Regulatory and Environmental Analysis Branch).

Dr. Wach is a great new asset to ILSI and we look forward to working with him.

Nico van Belzen: Het ga je goed!

Nico van Belzen Accepts Position as Director-General of International Dairy Federation (IDF)

It is with mixed emotions we announce Nico van Belzen, Executive Director of ILSI Europe, has been appointed IDF Director-General and will be leaving ILSI in mid-April 2012. Nico has been a dedicated leader of ILSI Europe and an outstanding advocate for collaboration between ILSI Europe and the rest of the organization.

We offer Nico congratulations on his exciting new role at IDF, where he will oversee the daily operations of the organization, including the coordination of its scientific activities.

From all of ILSI, *bedankt voor alles*, Nico!

ILSI North America Seeks 2012 Summer Fellow – 4 April Deadline

ILSI North America's Technical Committee on Food and Chemical Safety is looking for a qualified individual for its Summer Fellow program. Four project areas are being offered:

- AGEs and ALEs
- Natural colors
- Furan
- Tox21

The selection of the candidate will depend on the candidates qualifications and the appropriate fit with the candidates desired project choice. The Fellow will be assigned a project agreed upon by the candidate and the Committee.

The Committee will provide a stipend intended to cover expenses including transportation to and from Washington, DC and housing.

Application deadline is Wednesday, 4 April 2012

Application instructions and details on the four project areas are available online: [Application and Details](#) (PDF)

Or for more information, contact Delia Murphy: dmurphy@ilsf.org

In Memory of Robert Bursey

With sadness ILSI acknowledges the passing of Robert Bursey, PhD. Dr. Bursey began his career as a faculty member at North Georgia College and Clemson University before assuming a position managing the Nutrition, Toxicology, and Health Program at Kraft Foods. He later joined the National Dairy Board as Senior Vice President of their Nutrition and Dairy Foods Research Program. His most recent position was president of Ajinomoto Corporate Services LLC in Washington DC.

We are deeply indebted to the many decades of service he gave ILSI. He was especially active in ILSI North America where he generously gave his time, energy, and scientific expertise.

Upcoming Meetings



**ILSI Southeast Asia Region
Annual Meeting and Seminar on
Nutrition and Early Cognitive
Development
16 – 19 April 2012
Singapore**

ILSI Southeast Asia Region has organized the Seminar on Nutrition and Early Cognitive Development and Workshop on Assessment of Cognitive Development for Infants and Young Children in conjunction with their 2012 Annual Meeting. These two events stem from a recommendation from the branch's 2010 seminar on nutrition and cognition to further explore the stages of brain and cognitive development in early life, the potential nutrients that could make an impact at critical periods of development, and how to assess these effects. It will also serve as a forum for sharing of experience and expertise among the different groups of scientists in the region, so as to facilitate research and collaboration in this important area.

Details and registration information are online: [ILSI SEAR Annual Meeting](#)

**ILSI North America
Special Session on Energy Balance
at Experimental Biology 2012
21 April, San Diego, California**

ILSI North America, the American Society for Nutrition, and the American College of Sports Medicine have partnered to organize a consensus-style conference on energy balance in terms of a biological system in which energy intake and expenditure change over time in response to one another and to the environment. The evolving scientific understanding of how the inter-components of energy balance relate to the overall weight maintenance and reduction equation in a biological system will be presented. Speakers will explore how energy balance should be studied from a methodological perspective and how a new understanding of energy balance might impact current strategies to prevent weight gain or enhance weight loss.

For more information: [Energy Balance](#)

**ILSI Brasil
Annual Meeting and 3rd National
Congress
25 – 27 April 2012
Campinas, Brazil**

ILSI Brasil's Annual Meeting and 3rd National Congress will give participants the opportunity to discuss how academia, government, and industry scientists can and should work together to meet the challenges in feeding a world with a population over 7 billion. The sessions will examine how the public health problems of extreme poverty and malnutrition coexist with obesity and its co-morbidities.

The Congress will have three symposia: biotechnology in Brazil, with a focus on sustainable food production; nutrition and food consumption and new data available from the Brazilian National Survey; and food safety, which will include a panel on communications.

This added emphasis on the responsibility of communication in health and science is a new addition from previous programs. It takes into consideration the increase in media reports on food safety (and other food issues), which often include misinformation and/or confusing statements. The open discussion with a panel of experts in this area will introduce attendees to how news is produced, the influence of the media, and how scientists can contribute so misinformation does not compromise public health and safety.

Information about venue and registration is online in Portuguese: [ILSI Brasil Annual Meeting](#)

For information in English contact: congresso@ilsa.org.br

Meetings (continued)

ILSI Europe

**Session on Chemical Contamination
in Food at 2012 IAEP European
Symposia
22 May 2012
Warsaw, Poland**

The aim of this ILSI Europe session is to inform the audience about recent activities related to chemical risk assessment when toxicological data is inadequate; fatty acid esters of chloropropanols and glycidol in foods; and mitigation of masked mycotoxins.

This session is sponsored by the ILSI Europe task forces Risk Assessment of Chemicals in Food and Process Related Compounds and Natural Toxins.

Details are available online: [Chemicals](#)

ILSI Europe

**5th International Symposium
on Food Packaging: Scientific
Developments supporting Safety
and Innovation
14 – 16 November 2012
Berlin, Germany**

The ILSI Europe International Symposia on Food Packaging are held every four years and are internationally recognized as opportunities to discuss the science that ensures the safety and quality of food packaging. The 5th symposium will emphasize innovations in the area of food packaging. Participants will have the opportunity to review and debate recent advances in technology and discuss the future of food packaging.

This multi-disciplinary meeting will be of interest to food scientists, chemists, mathematicians, physicists, packaging specialists, control authorities, regulators, and risk assessors.

More information is available online: [International Food Packaging Symposia](#)

2013 Annual Meeting Miami, Florida



*The 2013 ILSI Annual Meeting will be held
in Miami, Florida*

The 2013 ILSI Annual Meeting 18 – 23 January 2013 InterContinental Miami

Join us in January 2013 for the once-a-year event where all of ILSI comes together to discuss the science and set research priorities.

We will post program information online as it becomes available:

2013 ILSI Annual Meeting

The 2013 meeting is brought to you by
ILSI

[ILSI North America](#)

[ILSI Research Foundation](#)

[ILSI Health and Environmental Sciences Institute](#)

Be sure to go online to view speaker presentations, branch and entity posters, and branch updates from the 2012 Annual Meeting in Phoenix, Arizona: [2012 Presentations](#)