



NutritionNotes

March 2010

President's Column



I am very pleased to announce the Living Legends video from the IUNS Congress in Bangkok is now available at <http://www.nutrition.org/about-asn/iuns/>. Congratulations to these distinguished American nutrition scientists for their lifelong achievements.

Earlier in February, ASN praised the President's

proposed increases in funding for FY2011 for the following agencies and programs: the National Center for Health Statistics (NCHS), the Agriculture and Food Research Initiative (AFRI) at the U.S. Department of Agriculture, and the National Institutes of Health. The President proposed a \$23 million increase for the National Center for Health Statistics and the largest funding level ever, \$429 million, for the Agriculture and Food Research Initiative, which is the competitive, peer-reviewed grant program at USDA. AFRI is part of the new National Institute of Food and Agriculture (NIFA) and is the competitive grant program formerly known as the National Research Initiative.

As part of our ongoing outreach to new Obama Administration appointees, over the next month we will be meeting with two USDA leaders—Acting Undersecretary for Research, Education and Economics Molly Jahn, and Director of the National Institute of Food and Agriculture Roger



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Beachy. Nutrition research at USDA is poised for significant gains in the coming year with a renewed emphasis on science, a strong focus on competitive, peer-reviewed research, and childhood obesity highlighted as a top priority area for the department.

I hope to see everyone at the Society's Annual Business Meeting in Anaheim, and for the many events taking place in conjunction with *Experimental Biology 2010*. Don't miss the meeting highlights which are included in this issue of *Nutrition Notes*.

Robert M Russell

What's up with GPEC?

I'm excited to tell you about many new and unique education and professional development opportunities we're offering in the next few months.



Family Physician Nutrition Webinars with AAFP. ASN and the American Academy of Family Physicians (AAFP) are

launching a free webinar series "Putting Nutrition Science to Work in Family Medicine." Through this webinar series, family physicians and nutrition researchers will present evidence-based guidelines and practical approaches to integrating nutrition science into family medicine offices. Help your patients prevent and manage:

- Overweight and obesity
- Heart disease
- Digestive disorders

Dietitians, nurses and your entire family medicine practice team will benefit from these webinars. Earn up to 6 CME Credits. To access complete

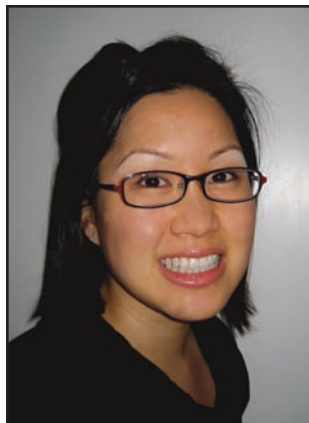
faculty and CME accreditation information, go to www.aafp.org/nutritionwebinars. Thank you to David Heber, a member of the Sub-Committee for Continuing Medical Education, for his hard work in representing ASN in content discussions with AAFP. This webinar series is supported by an educational grant from General Mills Bell Institute of Health and Nutrition.

Dietitian CPE Credit for Satellite Symposia.

On Friday, April 23, of the 2010 ASN Scientific Sessions and Annual Meeting at *Experimental Biology*, ASN is offering a full day of satellite symposia sponsored by General Mills and Metagenics. Look for announcements with the full program and details to come from ASN. A total of 8 continuing professional education (CPE) credits will be awarded to participating dietitians, pending credit application. These symposia will also be of interest to nutrition researchers and clinicians, physicians, medical practitioners, scientists, dietitians, behavioral specialists, public health practitioners, nurses, professors, students, medical residents, and postdoctoral fellows.

ASN is also building a calendar of events, including webinars and live meetings.

Medical Student Hot Topics. ASN is increasing significance with medical students and medical nutrition education with the approval of a full 2-hour symposium, "Establishing A Safer Food Supply: A National and Global Health Priority," for the upcoming American Medical Student Association (AMSA) Annual Meeting this month. This effort was led by Elizabeth Ko, a medical student at the University of Miami and member of GPEC. According to the Centers for Disease Control and Prevention, the US is plagued with an estimated 76 million cases of foodborne illness every year, resulting in 325,000 hospitalizations and 5,000 deaths. Moreover, food and waterborne disease are leading causes of morbidity and mortality in less developed countries, taking 2.2 million lives annually, most of whom are children. Many of these illnesses can be prevented by educating the public about proper food safety and practices.



Elizabeth Ko, a medical student at the University of Miami and member of GPEC, helped ASN create the symposium "Establishing A Safer Food Supply: A National and Global Health Priority" for AMSA.

Global food safety is a topic of great interest to medical students, and physicians can help by acting as food safety educators. The slide presentations from this symposium will be posted to the ASN website for members to also help in policy reform, preventing food-related disease, managing outbreak response and promoting national and global health equity.



Medical and Graduate Test Item Writing Training.

Many ASN members are educators and are required to give examinations to medical or graduate students or other trainees, and it is important for these educators to be able to write test items that are focused and effective in assessing the desired knowledge. ASN is offering a special benefit to ASN members who attend the 2010 ASN Scientific Sessions and Annual Meeting at *Experimental Biology* with the opportunity to apply for an onsite test item writing workshop.

The special three-hour National Board of Medical Examiners (NBME)/United States Medical Licensing Examination (USMLE) Item Writing Workshop will provide training in writing good quality multiple-choice test questions for examinations in educational settings. At the conclusion of the workshop, participants will be able to:

- Recognize, correct and avoid commonly occurring technical flaws in multiple choice question (MCQ) phrasing
- Write (and rewrite) MCQs assessing application of knowledge to clinical situations rather than recall of isolated basic science facts
- Participate effectively in group review of MCQs

It will be held at the 2010 ASN Scientific Sessions and Annual Meeting at *Experimental Biology*, in Anaheim, CA, Monday, April 26, 2:00-5:00 pm.

Registration is limited and is first-come, first-served. Apply now at <http://www.surveymonkey.com/s/FY3H6Y2>. A confirmation email with the room and additional details will be sent to the selected workshop participants the week of April 5. You must be attending the 2010 ASN Scientific Sessions and Annual Meeting at *Experimental Biology* to be eligible. Thank you to GPEC members Doug Heimbürger and Rick Eisenstein for securing this opportunity for ASN members.



Cardiometabolic Disorder Symposium on April 21 in Boston.

ASN and the American Association of Clinical Endocrinologists (AACE) are presenting the symposium 'Therapeutic Diets for Cardiometabolic Disorders: What is the Evidence?' in Boston, April 21. Topics include low carb-high protein diets for obesity, antioxidants and vascular inflammation, diets for heart disease

prevention and treatment and diet and exercise for sarcopenia and cachexia. Continuing medical education (CME) credit will be available.

The full program and registration is available here: <http://www.aace.com/meetings/ams/2010/nutrition/>. Register before March 17 for the early bird discount!

Expanded Education and Professional Development Offerings at EB 2010. In addition to the Test Item Writing Workshop mentioned above, we are also offering our annual Education Forum, which will be titled "Nutrition at the Forefront of Medical Education" and conducted in partnership with the ASN Medical Nutrition Council, a "Women in Science and Medicine" Symposium, and the symposium "Does Physical Activity Alter Energy Balance, Body Weight, and Related Health Outcomes." Visit the ASN website for dates, times and locations for these symposia. Thank you to all of you for your continued interest in and enthusiasm for education and professional development at ASN. As always, reach out to me at rwwood@nutrition.umass.edu or Ryan Cliche at ASN at rcliche@nutrition.org with any questions or suggestions.

Contributed by Richard J. Wood,
GPEC Chair
and Ryan Cliche,

ASN Education and Professional Development Mgr.

Awards, Grants, Fellowships

The ASN Strategic Oversight Committee (SOC), which serves in an advisory capacity to the ASN Executive Board, has identified awards outside of the ASN which may offer opportunities for society nominations. The Committee published two groups of awards in the September 2009 and December issues of Nutrition Notes and is, in this issue, adding another award which merits review. This effort to encourage members to nominate colleagues for these awards is directly related to the Strategic Oversight Committee's commitment to increase ASN membership in the IOM/NAS. [to reference all the awards published by the SOC dial up our website at: www.nutrition.org click on publications and then on Nutrition Notes and choose both the September and December 2009 PDFs.]

Nominations for Rainer Gross Award 2010

The Hildegard Grunow Foundation invites applications/nominations for the Rainer Gross Prize: Recent Innovations in Nutrition and Health in Developing Societies. The Prize is endowed with US\$ 2500, and will be awarded biennially



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Editor

Neil Shay, Chair, Department of Food Science
and Human Nutrition, University of Florida,
Gainesville nshay@ufl.edu

Regional Associate Editors

North:

Darlene Berryman, Ohio University

Southeast:

Kathryn Kolasa, East Carolina University

East:

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West:

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ASN Secretariat: 9650 Rockville Pike, Bethesda,
MD 20814-3990. Tel: 301-634-7050

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Letters will be published at the discretion of the editor. They should be constructive and of general interest to the reader. Deadline for Submission of **ALL** copy: First day of February, May, August, or November.

on the occasion of a large international nutrition-related meeting. The first award will be made in September 2010, during the II World Congress of Public Health Nutrition in Porto, Portugal.

Rainer Gross, Chief of Nutrition at UNICEF from 2002 until his death in September 2006, was known as a tireless advocate who would not let the world forget about the ongoing 'silent emergency' of undernutrition and its complex causes. The Hildegard Grunow Foundation created the Prize to honour his memory, and remember his unique approach to innovation in concepts and research in critical, but novel areas of inquiry, with a view to bettering the nutrition and health of the less fortunate.

The Prize is awarded in recognition of the merits of those who continue the generation and pursuit of innovative ideas and projects in nutrition and health in developing societies. At the award ceremony, the awardee will lecture on the work being recognized, and invited to write a review article to be published in a prestigious nutritional journal.

Applications/nominations for the Prize must be submitted in writing (address: Hildegard-Grunow-Foundation; Clemenstr. 27, D-80803 Munich, Germany) or using the submission form on the web site (<http://hgrunowfoundation.org/rainer-gross-award>), where further details of the nomination process can also be found. Deadline is June 1, 2010.

Mainly for Members



ASBMB Extends Invitation to Screening at EB2010

At a recent *Experimental Biology* Management Committee meeting, The American Society for Biochemistry and Molecular Biology (ASBMB) extended an invitation to EB2010 attendees to attend a screening of a documentary: *Naturally Obsessed: The Making of a Scientist*. We are invited to share the event information with our attendees – this documentary definitely targets student attendees. ASBMB will host the event in its ballroom which will have general seating for approx. 500.

**ASBMB Presents: *Naturally Obsessed: The Making of a Scientist*
Come see the drama unfold!**

**Monday, April 26, 6:30 – 7:30 PM
Anaheim Convention Center
Ballroom D, Third Floor, General Seating
Available**

Naturally Obsessed: The Making of a Scientist is a new documentary film that reveals a rare and fascinating view of the world of laboratory science. Featuring a group of eager students, mentored by Larry Shapiro, the film follows them along a challenging and uncertain journey toward their PhD degrees. As the story unfolds, the interdependent mentor-student relationship reveals the human face of scientific research.

The film was shot over three years' time at Columbia University Medical Center and also documents how x-ray crystallography enables the discovery of the molecular structure of the AMPK protein, considered prime for targeted drug development because of its relevance to diabetes and obesity.

HISTORY OF NUTRITION

In the previous newsletter we noted that the year 2013 will be the 100th anniversary of Funk's coining the term "vitamine." Will there be some special recognition of that anniversary when the time comes? Should the nutrition society make special recognition of it? After that year there will be a rapid succession of similar anniversaries, including those for the "discoveries" of vitamin A and the various B vitamins. Soon there will be no shortage of historic events in the progression of our science that could be the recipients of anniversary celebrations should we so choose.

Coming back to the present, please remember to attend the history symposium that will explore the history of pteroylglutamic acid at the upcoming meetings in Anaheim. Put it on your calendar now! Also, please remember to stop by the history exhibit near the ASN sponsored posters; we'd love to see you there.

*Contributed by Pat Swan
for the History Committee*

IMPORTANT DEADLINES

Material for the June 2010 issue of Nutrition Notes is due on May 1, 2010 [except where otherwise noted by several of the Dateline Editors]

For all information concerning the ASN awards as they are now categorized, visit the Invitation for Nominations 2011 published in the July 2010 issues of the society journals (and posted to the ASN website after June 1, 2010 at www.nutrition.org)

INVITATION

"Calling all postdoctoral fellows, medical residents and young professional members of ASN! The Society will host a free event and networking reception on Sunday, April 25 from 7:00-8:30 p.m. in the Hilton Anaheim, Gold Key Ballroom. The reception will follow the ASN Awards Ceremony. Both events are open to all ASN members and EB attendees. At the postdoctoral fellow reception, postdocs can network with established ASN member scientists and learn about the academic job search, practical tips for building careers in nutrition research, and more. If you are interested in attending this reception, please RSVP to Diana Tavares at dtavares@nutrition.org. RSVPs are not necessary, but will help us make adequate catering arrangements.

ASN is interested in providing more programs and support for its postdoc members. The Society is considering forming a Postdoc/Young Professional Interest Group that would represent ASN's 215-plus postdoc members. (Such an interest group could function similarly to the Student Interest Group, but plan programs and services specially for postdocs and other early-stage ASN members.) The Nutritional Sciences Council is also active in this area. Interested members should contact Robin Minor, PhD at minorro@mail.nih.gov or Vicki Vieira at vicki.vieira@tufts.edu to get involved."

ATTENTION ALL ASN STUDENT MEMBERS

All student members of ASN are encouraged to join one or more of the Research Interest Sections (RIS). This is an excellent opportunity to build strong ties with other researchers in similar fields. Check out the list of RIS groups on the ASN website at: <http://www.nutrition.org/about-asn/leadership/rises/>. When you have made a selection, contact the RIS leader for additional information on the activities of the RIS and how to become a member.

Journal of Nutrition Award



The Milton L. Sunde Award is given for publication in *The Journal of Nutrition* of outstanding experimental, applied or fundamental research in nutrition that uses an avian species. The award of \$2500 and an engraved plaque is supported by an endowment from Milton L. Sunde. In 2010, the award is presented to **Sophie Tesseraud**, from I.N.R.A.

in France, for the manuscript in *The Journal of Nutrition*, *Daily Variations in Dietary Lysine Content Alter the Expression of Genes Related to Proteolysis in Chicken Pectoralis Major Muscle*. *JN*: 139(1): 38-43.

Now Available! FASEB Directory of Members 2009-2010



Online at www.faseb.org/directory

The FASEB Directory of Members 2009-2010 is now available for purchase online at www.faseb.org/directory.

Available with the new directory—

- Alphabetical listing and contact information for more than 53,000 society members
- Print and PDF versions available for purchase
- Electronic version available free to FASEB society members online at www.faseb.org/directory

We encourage you to keep your records up-to-date, and use this online resource for obtaining contact information for your colleagues.

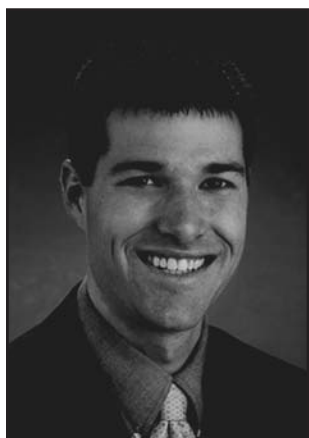
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Award Winners - 2010



The Bio Serv Award in Experimental Animal Nutrition is given for meritorious research in nutrition accomplished by an investigator within ten years of postgraduate training. The award of \$1000 and an engraved plaque is made available by **Bio-Serv, Inc.** The recipient in 2010 is **Kelly Swanson**, PhD, Associate Professor, Department of Animal Sciences, University of Illinois, Urbana.

Dr. Swanson has effectively used the canine model to study gastrointestinal health, aging and the metabolic syndrome. His research program uses functional genomics to identify genotypic-phenotypic relationships that characterize and improve our understanding of chronic disease states and identify targets for dietary intervention. His lab evaluates novel dietary carbohydrates for their effects on the fermentation profile, intestinal microbiota and intestinal epithelial cell gene expression and functionality and applies DNA-based techniques, including 454 pyrosequencing, to identify the effects of prebiotic supplementation on microbe number or phylotyping and metagenomic profiles in the canine model. The Swanson lab has developed a diet-induced canine obesity model that displays most of the key clinical signs and symptoms of "metabolic syndrome" in humans. The lab initially approached the research problems pertaining to gastrointestinal health and metabolic syndrome as separate entities; recent evidence suggests that intestinal microbiota play a sizeable role in determining a host's metabolic phenotype and risk of chronic diseases. Thus, future research will focus on microbiome-phenotype relationships relevant to human disease, with particular interest to metabolic syndrome.



The Peter Reeds Memorial Young Investigator Award was established in 2002 with an initial contribution from the **Children's Nutrition Research Center** at Baylor College of Medicine. This year's recipient is **Ryan Dilger**, PhD, Postdoctoral Researcher, Department of Animal Sciences, University of Illinois

at Urbana Champaign. The Peter Reeds Memorial Young Investigator Award is given for outstanding research in macronutrient metabolism accomplished within five years of receiving a Ph.D. or completing residency training. The \$1500 award includes an engraved plaque and travel funds not to exceed \$1000.

Ryan Dilger completed his Ph.D. at the University of Illinois under the direction of David H. Baker where he characterized factors affecting deficiency and toxicity of sulfur containing amino acids in pigs, chicks, and rats. He determined that whereas methionine, cystine (the oxidized form), and N-acetylcysteine were growth depressive when fed at 2.5% or more of the diet, cysteine (the reduced form) fed at this level caused lethality in chicks due to severe metabolic acidosis. He also established that an elevated cyst(e)ine:methionine ratio in SAA-deficient diets impaired the conversion efficiency of DL-OH-methionine to L-methionine, a novel finding that has direct implications for both animal and human nutrition.

Since completing his doctorate, Ryan has been conducting postdoctoral research in the integrative immunology and behavior laboratory of Rodney Johnson, where he has developed a translational piglet model for studying the impact of nutrient intake during the neonatal period on brain development and cognitive function. Current studies using this model are aimed at improving the composition of human infant formulations specifically by assessing cognitive development. Dr. Dilger has recently accepted a faculty position at the University of Illinois and will begin as an Assistant Professor in August 2010.



The Mead Johnson Award for Research in Nutrition is given to an investigator for a single outstanding piece of nutrition research or a series of papers on the same subject accomplished within ten years of completing postgraduate training. The award for \$2,500 and an inscribed plaque is made available by **Mead Johnson Nutritionals**. The award is made, in 2010, to **Keith Erikson**, PhD, Associate Professor and Director of Graduate Studies, Department of Nutrition, The University of North Carolina-Greensboro.

Dr. Erikson is recognized for research that addresses fundamental questions related to interactions of trace elements (iron and manganese) in the developing brain and the

neurological consequences associated with their dietary imbalance. This research, published as a series of four articles which contributes significantly to the collective research focus, has established that decreased brain tissue iron concentrations, due to manganese exposure as well as dietary iron deficiency, causes manganese accumulation which significantly alters neurotransmitter neurobiology.

Manganese neurotoxicity (manganism) shares neurological symptoms with several clinical disorders commonly described as “extrapyramidal motor system dysfunction”, and in particular, Parkinson’s disease. Dr. Erikson’s laboratory initially established that dietary iron deficiency led to an accumulation of manganese in dopamine-rich brain regions and that this increased manganese is related to disturbances in γ -aminobutyric acid (GABA) biology in key brain regions. Recently, his research established that increased manganese levels in the basal ganglia are associated with attenuated reuptake of GABA causing alterations in GABA neurobiology. Additional in vivo microdialysis experiments were performed to look at extracellular GABA concentrations and other neurotransmitters including norepinephrine. Both of these neurotransmitters are known modulators of dopamine and have both been implicated in the pathologies associated with manganese neurotoxicity.



the **Ajinomoto Co., Inc.** In 2010, the recipient is **Sung Woo Kim**, PhD, Associate Professor, Nutrition, Department of Animal Science, North Carolina State University.

Dr Kim’s research is primarily in the area of amino acid nutrition and metabolism using pregnant and lactating sows as animal models. He has published 93 peer reviewed papers and given 62 invited talks in 9 countries. He received The Early Career Achievement Award and Outstanding Young Scientist Award from American Society of Animal Science, and Outstanding Research Award from Association of Asian-Australasian Animal Production. He received his Ph.D. degree from University of Illinois in 1999 and worked as an

Assistant and Associate Professor at Texas Tech University until 2007.



Kelleher, PhD, Assistant Professor, Department of Nutritional Sciences, The Pennsylvania State University.

Robert Stokstad, in whose honor the award was established, is remembered in part for his extensive work on the interrelationships of folate, vitamin B-12, and methionine metabolism. His studies illustrate the importance of understanding the interplay between micronutrients, metabolism, and health.

Dr. Kelleher received her Ph.D. degree in Nutritional Biochemistry and Cell Biology from the University of California-Davis. Dr. Kelleher’s primary research interest is to understand the regulation of zinc metabolism in the mammary gland. Results from Dr. Kelleher’s studies have provided compelling evidence that the zinc transporter ZnT2 facilitates vesicular zinc secretion during lactation and performs an exciting and novel function as a zinc transporter into mitochondria. Her research group also has determined that several zinc transporters including ZnT2 are dysregulated in breast cancer. Current studies are focused on understanding how unique reproductive secretory tissues regulate zinc metabolism in health and disease. The role of mitochondrial zinc levels as a regulatory modulator of cellular metabolic function is another research thrust. Additional research explores the role of dysregulated zinc metabolism in breast cancer transformation, progression and development of potential therapies. Dr. Kelleher is recognized for her research in understanding the role of nutrients in the development of site-specific cancers, and advancing our understanding of the multifaceted roles of cellular zinc metabolism.

The Norman Kretchmer Memorial Award in Nutrition and Development is given to a scientist for a substantial body of independent research in the field of nutrition and development with potential relevance to improving child health.

The E.L.R. Stokstad Award is given for outstanding fundamental research in nutrition, with preference given to scientists at relatively early stages in their careers. The award of \$2500 and an engraved plaque is supported by an endowment from the **family of E.L.R. Stokstad**. For 2010, the recipient is **Shannon**



The award of \$1500 and an engraved plaque are sponsored by **Abbott Laboratories, Ross Products Division**. The 2010 award recipient is **Kimberly O'Brien**, PhD, Professor, Department of Nutritional Science, Cornell University.

Kimberly O'Brien is a professor of Human Nutrition at Cornell

University. She received her B.S. in Biology from the University of New Hampshire and her PhD in Nutrition from the University of Connecticut. Her professional training included fellowships with the National Institute of Child Health and Human Development, Laboratory of Theoretical and Physical Biology/Section for Metabolic Analysis and Mass Spectrometry and the Children's Nutrition Research Center, Department of Pediatrics, Baylor College of Medicine.

Professor O'Brien's research is distinguished by its focus on mineral metabolism and bone health in infants, children, and pregnant and lactating women in both developed and developing countries. She has special interest in the impact of adolescent pregnancy, particularly among minority populations, on maternal and fetal bone health, placental mineral transport, risk of anemia, vitamin D insufficiency and birth outcomes. Professor O'Brien's experimental approach incorporates high-sensitivity mass spectrometric analyses to facilitate studies of mineral dynamics in the maternal / fetal dyad. She has published over 58 original, peer reviewed scientific papers and 15 book chapters/technical reports, with the vast majority focusing on issues of maternal & child nutrition. She is a valued member of ASN and serves on the editorial board for the *The Journal of Nutrition*.



The Osborne and Mendel Award, sponsored by **ILSI North America**, is given in recognition of outstanding recent basic research in nutrition. In 2010, the award of \$2500 and an engraved plaque is made to **Judith Storch**, PhD, Professor, Department of Nutritional Sciences, Rutgers University.

Dr Storch is internationally recognized for her research into mechanisms of intracellular lipid transport. She received an M.S. in Human Nutrition

and a Ph.D. in Physiology and Biophysics from Columbia University, followed by postdoctoral research in biophysics at Harvard University. She was appointed as an Assistant Professor in Nutrition at the Harvard School of Public Health in 1986, and was promoted to Associate Professor in 1991. Dr. Storch moved to Rutgers University in 1992, where she is currently a Professor in the Department of Nutritional Sciences. Dr. Storch is being recognized for her groundbreaking research into the mechanism by which the cholesterol transport protein Niemann-Pick type C2 (NPC2) controls the trafficking of cholesterol carried in lipoproteins out of the endosomal/lysosomal compartment and into the cytoplasm of cells. NPC disease is a devastating inherited disorder characterized by progressive neurological degeneration with eventual loss of cognitive functions and development of dementia, resulting in early death. The identification of mutations in NPC1 and 2 as the cause of NPC disease, and subsequent elucidation of the roles of NPC1 and 2 in intracellular transport of cholesterol highlight the importance of proper trafficking of dietary cholesterol in both development and health. Dr. Storch's seminal research into the function of NPC2 in cholesterol transport has been funded by the Ara Parseghian Medical Research Foundation and published in a series of research and review articles, including a manuscript selected as "Paper of the Week" in *The Journal of Biological Chemistry*.



The Centrum Center for Nutrition Science Award, made available by **Pfizer Nutrition**, is given in recognition of recent investigative contributions of significance to the basic understanding of human nutrition. It consists of an award of \$1,500 and an inscribed plaque. The 2010 award is made to **Ronald Krauss**, MD, Director of Atherosclerosis Research

at Children's Hospital Oakland Research Institute; Senior Scientist in the Life Sciences Division of Lawrence Berkeley National Laboratory; and Adjunct Professor in the Department of Nutritional Sciences, University of California at Berkeley.

Dr. Krauss's research program focuses on the impact of diet-gene interactions on lipid metabolism. In his research of the influence of diet on lipid and lipoprotein markers of cardiovascular disease (CVD), Dr. Krauss was among the first to demonstrate that low density lipoprotein (LDL) is heterogeneous and is comprised of subclasses that differ in size and composition. His work demonstrated that these particles have differential

contributions to the cardiovascular risk profiles, and that their response to dietary interventions depends on the individual's genotype. This fundamental finding is of utmost significance in developing effective interventions to reduce the risk of CVD in humans. More recently, Dr. Krauss demonstrated that dietary carbohydrate, rather than dietary fat, induces atherogenic dyslipidemia and that the relationship of carbohydrate and atherogenic dyslipidemia is attenuated by weight loss. In sum, Dr. Krauss's work on the effects of dietary macronutrients on CVD risk factors challenged prevailing ideas and, his findings have demonstrated the need to seek a more comprehensive understanding of how dietary components affect cardiovascular disease risk.



The E.V. McCollum Award is given to a clinical investigator who is perceived currently as a major creative force, actively generating new concepts in nutrition and personally seeing to the execution of studies testing the validity of these concepts. The award of \$1,500 and an engraved plaque are made available by **Pfizer Nutrition**. The

2010 E. V. McCollum award recipient is **Rajiv Kumar**, MBBS, Ruth and Vernon Taylor Professor, Departments of Medicine, Biochemistry and Molecular Biology; Mayo Clinic; Distinguished Investigator, Mayo Foundation.

Dr Kumar has made important contributions to our understanding of calcium, phosphorus and vitamin D metabolism. Several of his contributions have been of exceptionally high impact, have opened new areas of investigation and have changed the manner in which scientists and clinicians think about mineral metabolism.

His original scientific contributions are in the following areas: The investigation of the metabolism and mechanism of action of 1,25-dihydroxyvitamin D; investigations into the mechanisms of calcium transport; the structural biology of calcium binding proteins; the regulation of phosphate transport by a new class of molecules, "the phosphatonins"; the regulation of renal phosphate transport by feed forward signaling in the gastrointestinal tract; the mechanism of action of vasopressin; the control of blood pressure, cardiac growth and apoptosis by a novel immediate early gene -- IEX-1. In each of these areas, Dr. Kumar's work has been widely cited and he has published his work in journals of high impact and scientific rigor.



The Robert H. Herman Memorial Award is given to a clinical investigator in recognition of contributions of significance to the biochemical and metabolic aspects of human nutrition. It consists of an award of \$1,500 and an engraved plaque. The 2010 award is made to **Darshan Kelley**, PhD, Research Chemist/ Adjunct Professor, USDA, Research, Education and Economics, Agricultural Research Service, USDA/ WHNRC at the University of California at Davis.

Dr. Darshan Kelley, a Scientist at USDA's Western Human Nutrition Research Center for nearly 30 years, was the first to report several health effects of dietary fat and fatty acids in human subjects. He showed that lowering total fat intake improved human immune function. In the first human study to feed arachidonic acid as triglyceride he found, contrary to opinion at the time, that it was safe in this form, but high levels of intake had strong pro-inflammatory effects. Again contrary to popular belief, he revealed that the trans fatty acid CLA had no beneficial effects in humans, and that one isomer in particular perturbed glucose metabolism; further investigations showed it increased insulin resistance and fatty liver disease. The n-3 fatty acids DHA and ALA prevented the insulin resistance, while EPA did not – but all three n-3 fatty acids lowered risk of fatty liver disease. Dr. Kelley's findings contributed to the current nutrient recommendations and dietary guidelines. His demonstration of the adverse effects of trans fatty acids and health benefits of the n-3 PUFA, and the mechanisms involved, have had a major impact on clinical nutrition research, the formulation of infant formulas and other foods, and nutrition policy and practice.



The David Kritchevsky Career Achievement Award in Nutrition, initiated in 2006 by **Kraft Foods** [when it was awarded to Dr. Kritchevsky], is presented in 2010 to **Mary Frances Picciano**, PhD, Senior Scientist, Office of Dietary Supplements, NIH, Bethesda MD.

Dr Picciano served with distinction in senior faculty positions at both the University of Illinois and Pennsylvania State University where she was highly esteemed for her dedication to students, her fine teaching, her

imaginative research on mothers and infants, and her dedication to all things nutritional. She is best known for her research on lactation but her publications and interests range more broadly to her academic expertise for the past decade Dr. Picciano has served as a senior nutrition scientist at the Office of Dietary Supplements, NIH, where she has influenced public policy through evidence based research on vitamin D, folic acid and other nutrients. She has over a quarter century of service to ASN, most recently as Treasurer. Dr. Picciano's buoyant spirit, inquiring mind and achievements in nutritional science make it fitting for her to receive the Kritchevsky award.



The Kellogg Prize for International Nutrition

is given to a member of the International Nutrition Council actively engaged in research to benefit populations in non-industrialized countries, as demonstrated through publications in the scientific literature, and actively engaged in training new scientists for international nutrition

research. The award of \$2500 and an engraved plaque is made available by **Kellogg Company**. The 2010 Kellogg Prize for International Nutrition is presented to **Rebecca J Stoltzfus**, PhD, Professor, Division of Nutritional Sciences, and Director, Program in International Nutrition at Cornell University.

Rebecca Stoltzfus is an internationally recognized leader in micronutrient nutrition. Her work has focused on iron nutrition as it relates to the combined problems of poverty, poor dietary intakes and helminth infestations, which affect – in particular – millions of children in sub-Saharan Africa. Her research, which has focused primarily on the tiny island of Pemba, Zanzibar, Tanzania, has contributed to global understanding of the etiology of iron deficiency and anemia in this context, the role of malaria, hookworm and other infections, the role of infection and inflammation on indicators of iron status and anemia, and the efficacy of interventions to improve iron status, health and development of pre-school and school-aged children. The results of her work and technical expertise have impacted guidelines for programs and global policy. The award particularly recognizes her mentorship of successful graduate students, including her work to provide opportunities for undergraduates to consider careers in global health.

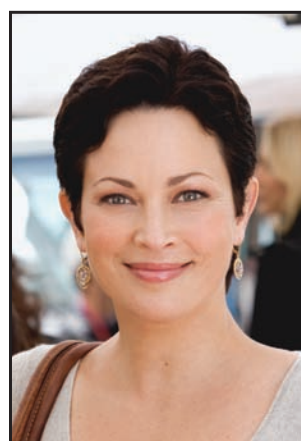


The Conrad A. Elvehjem Award for Public Service in Nutrition

is given in recognition of specific and distinguished service to the public through the science of nutrition. The award of \$1,500 and an engraved plaque is made available by **Kraft Foods**. In 2010, the award recipient is **Elizabeth Yetley**, PhD, the Food and Drug Administration (FDA)

and Office of Dietary Supplements, (ODS), NIH [retired].

Dr. Elizabeth A. Yetley, a native of Iowa and a celebrated graduate of Iowa State University, spent over 30 years formulating and promoting public health policies that are grounded in science. At the Food and Drug Administration, Dr. Yetley was the driving force who spear-headed and directed the folic acid fortification program. Most remarkable is the fact that she documented assumptions and predicted results of folic acid fortification for the Nutrition and Public Health Community at large in peer reviewed journals. While in the Office of Dietary Supplements at the National Institutes of Health, Dr. Yetley advanced the role of Systematic Evidence –Based Reviews in various nutrition applications, particularly in developing Dietary Reference Intakes

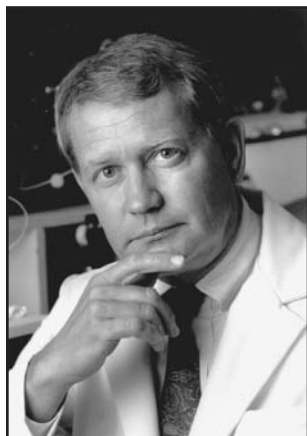


The Nutrition Science Media Award

is presented for consistent, accurate nutrition science reporting for a general audience over the last year. It consists of an award of \$1500 and an engraved plaque. The 2010 recipient is **Ellie Krieger**, a New York Times bestselling author who helps people achieve good health and nutrition. She is a registered dietitian and

host of "Healthy Appetite" on Food Network. She also served as Director of nutritional services at the prestigious La Palestra Center for Preventative Medicine for several years, and was an adjunct professor in the New York University Department of Nutrition, Food Studies, and Public Health. Ellie has written several books, including *Small Changes Big Results*, and *The Food You Crave*, which won the 2009 IACP Cookbook award and the James Beard Foundation Award. In addition to authoring books, Ellie has appeared as a guest expert on Today, Good Morning America, CNN, and CBS' Early Show. Ellie's numerous contributions to the field of nutrition and her high-impact media career

dedicated to improving the nutrition of Americans make her an outstanding recipient for this year's Nutrition Science Media Award.



The Dannon Institute Mentorship Award, made available by **Dannon Institute**, is given for outstanding mentorship in the development of successful nutritional research science investigators. The award consists of \$2500 and an engraved plaque. This year's recipient is **Robert J Cousins**, PhD, Boston Family Professor

of Nutrition and Director, Center for Nutritional Sciences, Food Science and Human Nutrition Department, University of Florida at Gainesville.

Dr Cousins has been a nutrition educator for close to forty years, demonstrating outstanding mentoring qualities by developing successful investigators of nutritional sciences. His long commitment as a scientist, mentor, and leadership to the society includes the mentoring of over 65 nutritional science investigators. This mentorship includes 30 Postdoctoral Associates, 23 PhD degree recipients and 14 MS degree recipients. The vast majority of these former trainees were supported by peer-reviewed research grants written by Dr. Cousins as Principal Investigator. A particularly relevant feature of his training cohort is how many are active in research, most with very successful careers. Also relevant is that this long mentorship is from just two academic institutions starting in 1971: Bob began his career at Rutgers, and after rising ahead of schedule to Associate Professor and Professor at Rutgers, he accepted an offer of an endowed professorship at the University of Florida. At present, beginning his 39th year as a scientist and mentor, he is supervising three doctoral students in Nutritional Sciences, one doctoral student in Biochemistry and Molecular Biology and two Postdoctoral Associates. His trainees consistently regard Dr. Cousins as a mentor who not only maintains the highest expectations and standards, but also has concern for his trainees as family.

The Roland L. Weinsier Award for Excellence in Medical/Dental Nutrition Education is presented in recognition of an outstanding career in medical/dental nutrition education. The award of \$2500 and an engraved plaque are sponsored by the **Dannon Institute**. The 2010 recipient is **Clifford Lo**, MD, MPH, ScD, Division of Gastroenterology and Nutrition, Children's Hospital, Boston; Coordinator, Division of Nutrition, Harvard Medical School.



Clifford W. Lo is nationally and internationally recognized for his efforts in teaching nutrition to medical students and physician trainees. He received his MD degree from the University of Hawaii in 1977 followed by an MPH degree from UCLA, and an Sc.D. degree in Nutritional Biochemistry and Metabolism from MIT. He trained in pediatrics at UCLA and was a

clinical and research fellow in Gastroenterology and Nutrition at Harvard. In 1994, he became an Assistant Professor of Pediatrics at Harvard Medical School and, in 1996, was appointed as an Assistant Professor in the Department of Nutrition of the Harvard School of Public Health. Dr. Lo has been a Visiting Professor, teaching entire courses for up to 2 months, in Nepal, Scotland, China, France, Poland, Japan and Germany. The recipient of numerous honors for his teaching acumen, in 2008 Dr. Lo was named an Academy Scholar of Children's Hospital in Boston. Since 1993, he has served as the Coordinator of the Nutrition Curriculum Theme at Harvard Medical School and, since 1997, as Coordinator for educational initiatives of the Division of Nutrition in the Harvard Medical School. In 2001, Dr. Lo received the Physician Nutrition Specialist Award of the American Society for Clinical Nutrition; in 2002 a Harvard Medical School Teaching Award for the 2nd Year Nutrition and Preventive Medicine Course and; in 2006, the Harvard Medical School Excellence in Tutoring Award. Since 2006, he has served as course co-director of the Advanced Nutritional Biochemistry course at the Tufts University Friedman School of Nutrition. Dr. Lo is currently a Co-I on an NIH Fogarty International Center grant with nutrition teaching responsibilities of foreign trainees associated with Harvard Initiative for Global Health.



The Excellence in Teaching Award, given for outstanding contributions to teaching nutrition. The award of \$2500 and an engraved plaque is made available by **Cengage Learning**. The 2010 recipient is **Malcolm Watford**, PhD, D.Phil., Professor, Nutritional Sciences, School of Environment and Biological Sciences (SEBS), Rutgers University.

At Rutgers, Dr. Watford has teaching responsibilities for three required departmental courses, for which he consistently receives perfect or near-perfect ratings by students for his Teaching Effectiveness. Aside from numerical ratings, however, students have also testified to his teaching excellence through their twice conferring upon him an Outstanding Advising and Teaching Award, with our School's administration once naming him the sole recipient of their annual Excellence in Teaching Award. Dr. Watford is always available for students, acting as advisor to undergraduates, mentor to independent study students, and thesis director to honors students. He is also sought out by graduate students to serve on their committees, as his colleagues have alerted them as to how seriously he takes his role as a constructive critic and student advocate. In addition, his written works on the instruction of metabolic regulation, for example, have done much to inform and inspire students nationwide to pursue their own careers in the study of metabolism (see for example, his 1999 article in *The Biochemist*). In fact, he has been invited and has delivered lectures on his teaching philosophy itself at meetings of the Biochemical Society (United Kingdom) and the American Society for Biochemistry and Molecular Biology.



David William Kraus, PhD, Associate Professor, Departments of Environmental Health Sciences, Biology; Risk Prevention and Health Behavior (RPHB), University of Alabama at Birmingham, is this year's recipient.

David Kraus was not satisfied with the state of knowledge about the health effects of garlic. He knew that garlic has been used to maintain good health and ward off illness for almost 4,000 years, and that garlic is useful in the prevention and treatment of cardiovascular disease, but the mechanism by which garlic produced the vasoactive effects remained unclear until 2007.

In a landmark study, Kraus and colleagues showed that human red blood cells convert garlic-derived organic polysulfides into hydrogen sulfide (H_2S), an endogenous cardioprotective vascular-

cell-signaling molecule. They also demonstrated that the ability of garlic compounds to mediate vascular relaxation increases with their H_2S yield, suggesting that the capacity of various garlic preparations to produce H_2S can be used to standardize garlic dietary supplements. Dr. Kraus received his Ph.D. in Biological Sciences from Clemson University. He served for four years as a Postdoctoral Fellow under Jonathan Wittenberg, and then joined the faculty of the University of Alabama at Birmingham Department of Biology as an Assistant Professor. He is now an Associate Professor, a post he has held for the past 14 years. He also holds a secondary appointment in the UAB Department of Environmental Health Sciences. The McCormick Science Institute Research Award honors an investigator who has advanced the understanding of the potential health benefits of culinary herbs and spices. Elucidating the mechanism by which garlic enhances cardiovascular health certainly commends David Kraus to this honor.



Hong Chen, PhD, Assistant Professor, Department of Food Science and Human Nutrition, University of Illinois, Urbana.

Dr. Chen has established herself as an important contributor to our understanding of the **role of epigenetic modifications** on colon cancer development and prevention and how epigenetic modifications are regulated by dietary components (amino acids, folate, genistein) in colon tumor cells and animal models. Many components of the WNT signaling pathway are susceptible to epigenetic modifications and the soy isoflavone, genistein, has been shown to affect gene expression through epigenetic mechanisms. Therefore, the hypothesis under investigation is that soy foods and their isoflavone components exert their anticancer effects by regulating the epigenome in ways such that the WNT pathway is maintained at proper levels in the colonic epithelia. In support of her hypothesis she has shown that treating colon cancer cells with genistein increased WNT5a expression due to decreased DNA methylation of the WNT5a gene. Intriguing recent findings

The Mary Swartz Rose Young Investigator Award

, given to an investigator within ten years of postgraduate training, for outstanding research on the safety and efficacy of bioactive compounds for human health, was presented for the first time in 2008. The award of \$2500 and an engraved plaque is made available by The

from the Chen lab have demonstrated that the WNT signaling pathway can be altered in neonatal rat pups by maternal dietary genistein supplementation during gestation. Defining how early exposure to soy and its bioactive constituents may prevent colon cancer later in life will improve our understanding of soy bioactives and their effects on the epigenome and may, ultimately, aid in the development of efficacious dietary interventions for colon cancer prevention.

Dr. Chen received her Ph.D. in Nutrition at Virginia Tech in 2001. After post-doctoral training in biochemistry and molecular biology at the University of Florida, Gainesville, she joined the faculty as an Assistant Professor in the Department of Food Science & Human Nutrition at the University of Illinois, Urbana, in 2006.



The Mary Swartz Rose Senior Investigator Award, given to an investigator for outstanding research on the safety and efficacy of bioactive compounds for human health, was presented for the first time in 2008. The award of \$2500 and an engraved plaque is made available by **The Council for Responsible Nutrition**.

In 2010, **Joel Mason**, MD, Scientist I, Vitamins and Carcinogen Lab, Human Nutrition Research Center at Tufts University.

Joel Mason is one of just a few investigators who, in the late 1980s, took what was an obscure topic of investigation and crafted it into one of the most hotly pursued fields of research in nutrition and cancer prevention: how the intake of folate and other 1-carbon nutrients modulates the risk of developing cancer. Dr. Mason's lab has contributed many seminal mechanistic observations to this field: proving true causality between inadequate folate intake and increased colorectal tumorigenesis, identifying that folate inadequacy impedes DNA repair and defining how the resulting instability in critical tumor suppressor genes interferes with their expression, as well as demonstrating the importance of the other 1-carbon vitamins in determining the effects of folate status on carcinogenesis and delineating how mild inadequacies of these nutrients activate a pro-transformational signaling pathway in the colon, the *Wnt* cascade. Clinical trials of his were among the first to define how folate supplementation impacts on molecular events in the colon. More recently, he has been a leading proponent of the 'dual effect' of folate on cancer, hypothesizing that the rise in colorectal cancer rates in North America

in the mid-1990s was related to excessive amounts of folic acid in the foodstream.



NEW!!!! General Mills Bell Institute of Health & Nutrition - Innovation Award is given to an investigator whose scientific contributions advance the understanding of the health benefits of whole grains. Eligible recipients are conducting mechanistic, epidemiological, clinical, translational, *in vitro* and/or *ex vivo* research

contributing to knowledge of the health benefits of cereal grains and grain components. The \$5000 award and engraved plaque are sponsored by **General Mills Bell Institute of Health and Nutrition**. The 2010 recipient is **Joanne Lupton**, PhD, Distinguished Professor, Regents Professor, University Faculty Fellow and William W. Allen Endowed Chair in Human Nutrition at Texas A&M University.

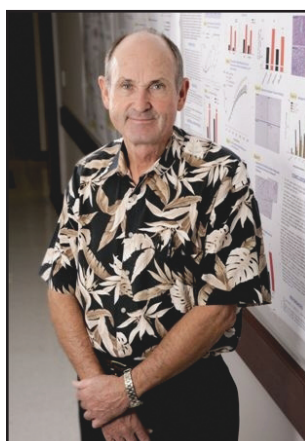
Joanne Lupton is a past President of ASN. Recently named a member of the prestigious Institute of Medicine, she has served the public on numerous boards, advisory committees and scientific panels including the 2005 Dietary Guidelines Advisory Committee and the Food and Drug Administration's Food Advisory Committee. From 2003-2004, she was a Visiting Scholar at the FDA Center for Food Safety and Applied Nutrition. While there she was appointed to the Commissioner's Task Force for Better Nutrition and received a Commissioner's Special Citation for her work there.

Because of her expertise in both basic science and translational research Dr. Lupton has become one of the world's foremost fiber experts. She chaired the National Academy of Sciences (NAS) Committee to define dietary fiber for the Dietary Reference Intake (DRI) Committee, and her expertise has been sought by countries around the world on how they can contribute to a global definition on fiber. A known consensus builder, she chaired the NAS Macronutrient DRI Committee to set the intake requirements for dietary fiber in addition to energy, carbohydrates, protein and lipids. A prolific researcher, author and treasured mentor, Joanne Lupton has been the recipient of many other distinguished awards, including ASN's Dannon Institute Mentorship Award, the Award in Excellence from Texas A&M University for Excellence in Undergraduate Teaching, the Association of Former Students of Texas A&M University Distinguished Teaching Award, the USDA National Award for Teaching, Southern Region.

Fellows - 2010



The five-member Fellows Committee selects fellows of the Society. They are "scientists who have had distinguished careers in nutrition and are at least sixty-five years of age." Please join us in congratulating this year's Fellows at a special luncheon on Monday, April 26, 2010 in the Laguna A/B room of the Anaheim Hilton Hotel, Convention Way in Anaheim. Tickets to this event may be purchased in the ASN Office in the Hilton, Balboa A, beginning on Saturday, April 24, 2010 at 8:30AM.



Thomas Badger, PhD, Departments of Pediatrics and Physiology/Biochemistry and Director of the Arkansas Children's Nutrition Center, has devoted most of his career to understanding the role of nutritional status and dietary factors on endocrine--regulated aspects of development, growth and metabolism.

He moved to the Department of Pediatrics at the University of Arkansas for Medical Sciences (UAMS) and was the founding President and CEO of the Arkansas Children's Hospital Research Institute. He is the Chair of the Arkansas Nutrition and Environmental Studies Alliance and the first Director of the Arkansas Children's Nutrition Center, (ACNC), the sixth and newest USDA-ARS Human Nutrition Research Center and the second to be devoted exclusively to children. He has published over 175 peer-reviewed papers and currently serves on the Public Policy Committee of the American Society for Nutrition, the Science Policy Committee of FASEB and the FASEB Board of Directors.



Dale E. Bauman, PhD, Liberty Hyde Bailey Professor and Professor of Nutritional Biochemistry, Department of Animal Science, Cornell University.

Dale Bauman joined AIN/ASN in 1974 and throughout his academic career he has been an active participant in the varied activities of ASN. He has served on various

committees, been an invited speaker at symposia and as President of our Society. Dr Bauman's academic program in research and teaching has broadly addressed the regulation of nutrient use in ruminants, with emphasis on lactation and milk synthesis. His efforts have involved an integration of nutritional, biochemical and endocrinological aspects of metabolic regulation with the overall goal of developing an understanding that 1) provides a conceptual basis broadly applicable to all physiological states and biology; 2) forms the biological basis for specific studies designed to enhance the efficiency of animal production; and 3) provides for an opportunity to design animal-source foods to be consistent with consumer perceptions and health recommendations. Dr Bauman's program goals also include education of the public and policy makers about animal technologies, animal agriculture, and nutrition. Dr Bauman is a member of the National Academy of Sciences.

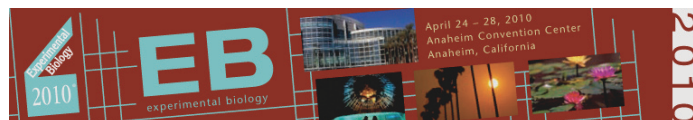


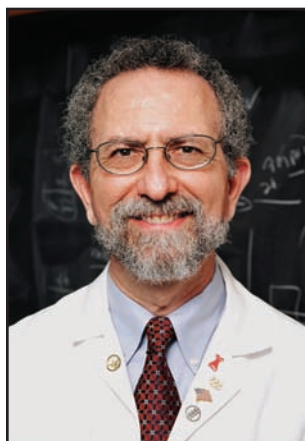
Gary Beauchamp, PhD, Director and President, Monell Chemical Senses Center.

Dr Beauchamp's career is distinguished by important scientific contributions to basic and clinical research in nutrition, and by his leadership in the chemical senses, which are the senses most closely associated with nutrition.

His research has spanned a range of important issues in nutrition. His studies of the ontogeny of taste and smell have provided important insights in to the development of sensory capabilities and flavor preferences from birth through adolescence. Dr Beauchamp's pioneering work on the preference for salt in children and adults has shown us, for example, that the liking of salt (and saltiness) in food can be modified, although with some delay, by lowering the content of salt (and saltiness) in food.

Dr Beauchamp is a recognized leader in the field of chemosensory research. Since 1990 he has led the Monell Chemical Senses Center as Director, the second since the Center was founded 40 years ago. The Center is the world's leading non-profit scientific research institute and has grown significantly under Dr Beauchamp's leadership. An important part of the Center's research is directed toward nutrition as reflected in its long-standing Nutrition Program.





Jeffrey Blumberg, PhD, Senior Scientist and Director, Antioxidants Research Laboratory, Jean Mayer USDA Human Nutrition Research Center on Aging at Tufts University.

Dr Blumberg is a longstanding member of our society and an individual who has forwarded the field of

nutrition science through his scientific work, his educational efforts, and his service on numerous committees. Dr Blumberg's research effort has been focused primarily on the biochemical basis for the role of antioxidant nutrients and their dietary requirements in health promotion and disease prevention. His special interest is in the aging process on how oxidative stress states alter the organism's response. He has published over 265 scientific articles and has served on the editorial boards of several journals. Nationally he has served on the Food Advisory Committee of the FDA, several expert committees of the World Health Organization, and several other federal committees on the topic of healthy aging. Within ASN, he has served on the task force on food labeling and the PIC Committee.



Fergus Clydesdale, PhD, Distinguished Professor and Director of the Food Science Policy Initiative of the Department of Food Science at the University of Massachusetts, Amherst.

Dr Clydesdale's current research interests include physical-chemical changes in food processing, mineral-fiber interactions in foods, and technological

optimization of physiological and functional properties and color-sensory interactions in foods. Dr. Clydesdale is a Fellow of the Institute of Food Technologists and the American College of Nutrition.

The recipient of many awards, he has also served on a number of Institute of Medicine expert committees including the Committee on Use of Dietary Reference Intakes in Nutrition Labeling. He is currently a member of the Institute's Food and Nutrition Board. Other service includes chair of the Board of Trustees of International Life Sciences Institute (ILSI) North America, member of the Board of Sensient Technologies and member of the 2005 Dietary Guidelines Advisory Committee.



Richard Deckelbaum, MD, FRCP(C), Robert R Williams Professor of Nutrition, Professor of Pediatrics and Professor of Epidemiology, Columbia University.

Dr Deckelbaum has made significant contributions to the nutritional health of children and adults by using his medical and research expertise to prevent and treat

metabolic and nutrition-related diseases. During his career, Dr Deckelbaum has made major contributions to the scientific literature as well as academic medical training of physicians and health providers in Master's and PhD nutrition programs during his tenure as Director of the Institute of Human Nutrition at Columbia, a position he continues to hold.

He has been recognized for his contributions to the professional nutrition community many times. When in 2007, he was elected as an honorary member of the American Dietetics Association, they cited his "significant contributions to the scientific body of knowledge in pediatric nutrition and cardiovascular health...and the study of the role of fat-modified diets, structured lipids, and intravenous emulsions in the treatment of diseases such as epilepsy and genetic dyslipidemias in the prevention of premature atherosclerosis.

Of great importance, Richard is a trusted colleague to those who work in industry, academia and government. Dr Deckelbaum is recognized as a Fellow for his overriding personal goal to improve human health by implementing sound, data-driven nutritional recommendations.



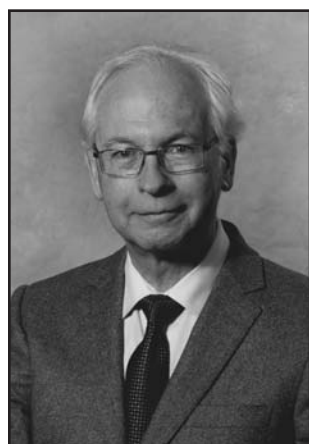
Olle Hernell, PhD, Chair, Section of Pediatrics, Department of Clinical Sciences, Umea University, Sweden.

Dr Hernell's research has focused on lipid metabolism in the newborn infant, and especially on the physiological significance of bile-salt stimulated lipase (BSSL) in early development

of lipid digestion and absorption. His early work focused on the biochemistry and enzymology of BSSL and other lipases and he published several seminal papers in this area. Olle subsequently went on to use molecular biology as a tool to study BSSL; his group cloned the gene, they expressed

recombinant forms and they developed a knock-out mouse model, which they subsequently used to study the physiological significance of BSSL. Several excellent papers came out of those studies, and Olle's research work attracted a lot of interest internationally. He is now involved in clinical studies using recombinant BSSL. Another interest is in celiac disease and its etiology and in the last decade he has been a leader in this field also.

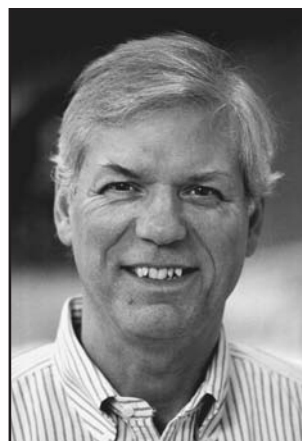
Dr Hernell is one of the leading experts in the field of pediatric nutrition and he is frequently invited to speak at national and international conferences. He can be seen regularly at EB meetings [but we will miss him THIS year] and has contributed significantly by giving presentations and participating in scientific discussions.



Errol Marliss, MD, FRCP(C), Garfield Weston Professor of Nutrition at McGill University, Founder and Director since 1982 of the McGill Nutrition and Food Science Centre, an associate member in the School of Dietetics and Human Nutrition, a senior physician at McGill University Health Centre, Director of both the Clinical Investigation Unit and

the Nutrition Support Service at the Royal Victoria Hospital in Montreal.

Dr Marliss has had a long and distinguished career of research in nutrition particularly as it related to the treatment of diabetes. One of his earliest and most influential contributions to diabetes research concerned its etiology and was the discovery and characterization of the BB Wistar rat, a unique model of autoimmune mediated diabetes. Since his first description of this model in 1977, over 1000 research papers have been published using this model that is now available to researchers throughout the world. Dr Marliss established the first and arguably the best animal model of human type 1 diabetes. He was also the first to describe lymphopenia and the presence of islet cell surface antibodies in the BB rat. This work laid the foundation for establishing the role of the immune system in human type 1 diabetes and has provided the model to develop many if not all of the current immunomodulatory therapies aimed at preventing or delaying the onset of diabetes. The impact of his contributions to the scientific and medical community is evident by his 228 publications in top medical and scientific journals, 301 abstracts presented at national and international meetings, 43 review articles and chapters and 252 invited lectures, seminars and professorships.



Michael Pariza, PhD, Department of Food Science, University of Wisconsin at Madison.

Dr Pariza has authored or co-authored over 150 articles and publications, holds more than 25 US patents, and is recognized by Thompson Scientific as one of the most "Highly Cited Researchers" of the last two decades. After

completing postdoctoral study at the McArdle Laboratory for Cancer Research at the University of Wisconsin, Dr Pariza joined the faculty of the Department of Food Microbiology and Toxicology. He served as Department Chair from 1982-2006 and as Director of the Food Research Institute from 1986 to 2008. He held a Wisconsin Distinguished Professorship from 1993 to July of 2009.

Dr Pariza has received numerous academic honors and awards including the David Kritchevsky Career Achievement Award in Nutrition from ASN. He is widely recognized as the founder of the modern field of conjugated linoleic acid (CLA) and many of the other known biological activities of CLA were discovered in his laboratory and in the laboratory of his principal US-Madison collaborator, Mark Cook. Dr Pariza is recognized internationally as an expert in evaluating food enzyme safety. He developed the principal guidelines for evaluating the safety of microbially-derived food enzymes that are used by government regulators and food enzyme manufacturers throughout the world. In January 2010 Dr Pariza assumed the position of Professor Emeritus and will maintain his office, laboratory and research program in the Microbial Sciences Building at the University of Wisconsin.



Barry Popkin, PhD, Professor, Department of Nutrition, Gillings School of Public Health, University of North Carolina at Chapel (UNC); Director, UNC Interdisciplinary Obesity Center (IDOC); Director, Nutrition Epidemiology Division; Fellow, Carolina Population Center; Director, The Nutrition Transition Research Program; Adjunct

Professor, Department of Economics; Member, Lineberger Comprehensive Cancer Center.

Dr Popkin has been a leader in both US and international nutrition research for decades. His contributions to the study of diet and nutritional

status of people around the world are very important. He continues to be an innovative, productive scholar whose work on dietary data and body composition issues are most important. Furthermore, as an economist and Professor in the Division of Nutrition Epidemiology and Director of UNC's Interdisciplinary Obesity Center, he has been at the cutting edge of bringing a strong critical interdisciplinary science to focus on an array of nutrition issues.

Foremost, Dr Popkin is a major scholar. He is committed to scholarly rigor and to pushing his science out both to the broader field as well as to his more narrow sets of foci. His range and impact on the field is enormous and promises to continue to be large. He is unquestionably one of more creative and thoughtful scholars who is equally good at explaining and writing to influence large audiences; but he is always a scholar who is mindful of the boundaries of our knowledge.



Judith Stern, DSc, Distinguished Professor, Departments of Nutrition and Internal Medicine/ Division of Clinical Nutrition and Metabolism at the University of California, at Davis.

After an initial appointment at the Rockefeller University in the Department of Human Behavior and Metabolism,

following her doctoral work, Dr Stern joined the faculty at UC Davis in 1975,

Dr Stern is a highly recognized expert in the field of obesity, diet and physical activity. She has published extensively on the effect of exercise on appetite, metabolism, and obesity. She recently studied the effects of obesity on lipid metabolism and renal disease, the effects of a nondiet, behavioral approach to improving health in obese women, and the association between magnesium nutrition and asthma. She has published over 250 research papers in professional journals and over 150 articles in popular magazines such as *Redbook*. Along with Richard Atkinson, Dr Stern was founder of the American Obesity Association, a lay advocacy/professional organization dedicated to advancing the understanding of the disease of obesity. She served as Vice President of the Organization from 1995-2006. In 2006, the American Obesity Association merged with the Obesity Society. It is now the premier research society on biochemical, clinical and behavioral aspects of obesity.

WELCOME TO ALL!!!!!!

Council News



International Nutrition Council (INC). Plan to attend the INC events at EB10 in Anaheim! Mark up your calendars for the following INC events: Sunday, April 25th, 3:00PM-5:00PM – Symposium: “Responsive Feeding: Promote Healthy Growth and Development for Infants and Toddlers”; Tuesday, April 27th, 3:00PM-5:00PM – Symposium: “Multiple Micronutrient Interventions During Early Childhood: Moving Towards Evidence-based Policy and Program Planning”; Monday, April 26th, 3:00PM-5:00PM – “Maternal nutrition and child outcomes; short and long term”; Tuesday, April 27th, 2010, 10:30AM-12:30PM – “Infant and young child nutrition”. INC members may also be interested in the PIC symposium – “Healthy Earth, Healthy Eating: Connecting Sustainability and Nutrition”, on Monday the 26th, 10:30AM-12:30PM, and the Minority Affairs Committee Symposium: “Nutrition and Health Disparities” on Tuesday, April 27th, 8:00-10:00AM. And there is much, much more!

Please join us at 6:30PM on Monday April 26, 2010 in the Anaheim Hilton Hotel, California Ballroom A for the INC business meeting, and Kellogg Prize and lecture. Following the meeting at 8:00PM we will have our reception in the Hilton, Huntington B/C.

Contributed by Laura Caulfield,
lcaulfie@jhsph.edu
Chair, International Nutrition Council

Medical Nutrition Council (MNC). After the MNC planning meeting last Fall, the MNC determined it should focus on developing clinical guidelines and a clinical nutrition conference or series of conferences; one of which is now scheduled for early 2011. The MNC is actively exploring ways to enhance the value of the newsletter to both our health professions/physician and PhD membership. Note that our membership is growing and that we are now at close to 1100 MNC members. New MNC initiatives were also discussed at the recent ASN Executive Board meeting in Miami, including more active outreach to all US medical students and the cadre of bionutrition-oriented investigators utilizing the NIH-funded Clinical and Translational Science Award (CTSA) Centers. MNC leadership is actively planning for two symposia at *Experimental Biology 2010* in April on the topics of Nutrition and Aging and Medical Nutrition Education.

Please send your comments or suggestions for symposia for 2011[deadline for submission: March 15, 2010] to me at **tzieg01@emory.edu**

The ASN Scientific Program committee has scheduled a series of clinical sessions on Saturday, April 24, 2010 and I encourage you to view them on our website at: www.nutrition.org click on 'meetings' and then on *EB2010* program. Our Council business meeting at *EB2010* is planned for Saturday April 24, 2010 beginning at noon and will be close to the session room where the Aging Symposium, part II, begins at 1:00PM. The business meeting will be featured in our MNC on line newsletter.

The Council will soon accept nominations for Chair-Elect. A ballot will be prepared and we hope to have a new chair elect no later than the start of *EB2010*.

See you at the meeting!!!!

Contributed by Tom Ziegler
Professor of Medicine
Emory University School of Medicine
MNC Chair

Nutritional Sciences Council (NSC). The NSC has been meeting and working actively this year to add value to members. We have expanded the Executive Committee to include a graduate student and postdoctoral representative. We also have students and postdocs actively working on our committees. Some of our activities are described below.

Events at *EB 2010* - Graduate student oral research competition Saturday April 24th, Anaheim Convention Center, Room 207C. The NSC is pleased to take over the graduate student research competition and award sponsored previously by Procter & Gamble. The 12 finalists for this year are:

Qing Duan from Iowa State
Jennifer Griffin from Texas State University
Eric Ciappio from Tufts University
Suzanne Devkota from the University of Chicago
Nishan Kalupahana from the University of Tennessee- Knoxville
Erin Glynn from the University of Texas Medical Branch
Layne Norton from the University of Illinois at Urbana Champaign
Michael Valerio from the University at Buffalo
Kathleen Hill from Purdue University
Young Ah Seo from Penn State University
Richard Faris from Iowa State University
Nikki Ann Ford from the University of Illinois at Urbana Champaign

The graduate student oral competition will take place Saturday afternoon, April 24, 2010 beginning at 2:00PM in the Anaheim Convention Center,

Room 207C. The three overall winners will receive their additional award at the ASN awards ceremony on Sunday, April 25, 2010, beginning at 5:30PM in the Anaheim Hilton, Pacific Ballroom C.

"Calling all postdoctoral fellows, medical residents and young professional members of ASN!"

The Society will host a free event and networking reception on **Sunday, April 25 from 7:00-8:30 p.m.** in the Marriott Anaheim, Gold Key Ballroom, I and II. The reception will follow the ASN Awards Ceremony [The Hilton and the Marriott are across street from each other]. Both events are open to all ASN members and *EB* attendees. At the postdoctoral fellow reception, postdocs can network with established ASN member scientists and learn about the academic job search, practical tips for building careers in nutrition research, and more. If you are interested in attending this reception, please RSVP to Diana Tavares at dtavares@nutrition.org. RSVPs are not necessary, but will help us make adequate catering arrangements. ASN is interested in providing more programs and support for its postdoc members. The Society, with assistance from the NSC, is considering forming a Postdoc/ Young Professional Interest Group that would represent ASN's 215-plus postdoc members. Interested members should contact Robin Minor, at minorro@mail.nih.gov or Vicki Vieira Potter, at vicki.vieira@tufts.edu to get involved."

Business meeting at *EB 2010* on Sunday April 25th: Our business meeting will be held this year on Sunday, April 25, 2010, at 7:00 AM with breakfast provided in the Hilton, Palisades. We will update you on the NSC Strategic Map, present committee reports, and plan for next year! We look forward to seeing you in Anaheim!

Agenda Items

1. NSC website committee. The NSC website committee is working on ideas to be implemented in the coming year. These include 1) taping the graduate student competition at *EB*, with plans to hold a webinar with live call-in at a later date for a discussion between the speakers and interested members, and 2) contacting chairs for a nutrition seminar series across the country and asking for volunteers in recording seminars and sending the files to NSC for uploading to the website so that selected university nutrition seminars may be made available via a link on the website.
2. Networking in the NSC. The NSC networking group is currently in the process of constructing a webpage to facilitate networking among NSC members to provide information about the NSC. In order to gauge member interest and build this website to benefit members, an online survey will

be sent early in March 2010 to all NSC members. A link will be posted on the ASN homepage and sent via email to the member listserv. The survey can be completed in 5 minutes and all information will be kept confidential. Members are strongly encouraged to participate. The survey results will be on the agenda at the business meeting at *EB*. The NSC networking group will use the results and suggestions from members at the business meeting to develop a webpage targeted toward the specific needs of our council members. The goal is that this webpage will serve as a tool to help build strong networks and improve communication for NSC and ASN members.

3. Recognition of our student and postdoctoral volunteers.

4. New business and election results

NSC symposium at *EB* 2010 on Monday April 26.

This year's NSC and Medical Nutrition Council symposium, **"Present and Emerging Clinical Applications of Amino Acids"** symposium, will be held in honor of the original co-chair, David Baker, who recently passed away. The symposium is a critical review of recent progress in the use of specific amino acids to enhance health/treat disease. The talks highlight different stages in the continuum of bench to bedside research, starting with clinical applications and ending with basic research. Ajinomoto Co, Inc is sponsoring the symposium and will serve traditional Japanese confections with Japanese green tea throughout the session starting 30 min before the start of the symposium i.e. at 7:30AM.

Activities planned for *EB* 2011. "Technology Symposium" for *EB* 2011: Steve Zeisel and Werner Bergen are organizing a Technology Symposium Workshop with the preliminary title: "Genetic polymorphisms as sources of nutritional/metabolic variation." It is intended to address 1) the use of GWAS (genome wide association studies of SNPS) in epidemiology studies, use of SNP (single nucleotide polymorphisms) in clinical nutrition studies, basic techniques and quality control issues for DNA-RNA isolation, quality assessment, choosing an array, array hybridization, analysis of data, data verification by qRT-PCR, data analysis, and helpful informatics and databases – HapMap, dbSNP, data mining, pathway analysis, principal components etc. The workshop is designed to be a practical guide to using this technology.

*Contributed by Susan Hutson, Chair
Nutritional Sciences Council
Susanh5@vt.edu*

RIS News



From the RIS Director

Each year, I always look forward to the *Experimental Biology* meeting. It is a wonderful opportunity to hear about the latest research, interact with your colleagues and make new friends. What better place to do it than the Research Interest Sections (RIS) meetings? The RIS represent ASN's strong commitment to provide community interaction and mentorship by facilitating and promoting scientific exchange among ASN members who focus on specific scientific topical areas. Membership in a RIS offers an opportunity to meet, interact and network with others in your interest area as well as to help plan the symposia and minisymposia topics for the *Experimental Biology* meeting. So, please join one or more RIS groups. Currently there are 16 RIS groups representing a wide variety of research interests including: Aging and Chronic Disease, Carotenoid Interactive Research Group (CARIG), Community and Public Health Nutrition, Diet and Cancer, Dietary Bioactive Components, Energy and macronutrient Metabolism, Experimental and Animal Nutrition, Lactation, Mathematical Modeling, Nutrient-Gene Interactions, Nutrition Education, Nutrition Translation from Bench to Consumer; Nutritional Epidemiology, Nutritional Immunology, Obesity and Vitamins and Minerals.

Are you a student and want the chance to enter poster competitions? Would you like to meet other scientists in your research field and get to know people with similar interests? Would you like to become involved in the governance and future of ASN? Do you have ideas for scientific meetings or webinars outside of the *Experimental Biology* meetings? JOIN A RIS!! The easiest way to do this is to show up at RIS membership meeting at the upcoming *Experimental Biology* meetings. You will be welcomed and invited to participate- and often fed as well. Information about the RIS meetings can be found in the RIS updates below.

If you have any suggestions or comments, please feel free to contact me at **davisci@mail.nih.gov**.

*Contributed by Cindy Davis
ASN RIS Director
davisci@mail.nih.gov*

VISIT THE EXHIBITS!

IMPORTANT NOTE TO POSTER PRESENTERS

All poster presentations are scheduled in Exhibit Hall CD at the Anaheim Convention Center. Presenters must hang their posters on the appropriate poster board no later than 8:30AM on the day of presentation and posters must remain on display all day from 8:30AM – 5:00PM (except on Wednesday). Poster viewing hours are: 7:30 AM – 6:00 PM Sunday and Monday; 7:30 AM – 4:00 PM Tuesday; and 7:30 AM – 3:30 PM Wednesday [Latebreaking]. Posters must be removed at the end of the day.

Obesity. I hope to see you all in Anaheim at our symposium entitled “The Science of Exercise for Obesity” on Saturday April 24, 2010 from 3:00-5:00 PM during *Experimental Biology*. We will be providing new evidence for how exercise can uniquely affect adipose and muscle metabolism to combat obesity. Also, a reminder that our Obesity RIS meeting will be held Saturday April 24 from 6:00-7:00 PM at the Hilton Hotel. Watch the list serv for room assignment. Come and join us for conversation and suggest new ground for the Obesity RIS to break! Please send suggested agenda items for the meeting to Sarah Colby at colbys@ecu.edu. Please also email Sarah if you would like to join our group.

Contributed by Caroline M. Apovian,
caroline.apovian@bmc.org
Chair, Obesity Research Interest Section

Aging and Chronic Disease (AGING). At the Aging and Chronic Disease RIS Business Meeting, which will be held on Sunday at 12PM, Mary Ann Johnson will lead an interactive presentation on “ASN’s Role of Developing Position Papers on Nutrition and Aging.” At this meeting, election of a Chair-Elect will be held and light lunch will be served.

Contributed by
Joe Sharkey, Chair, Aging and Chronic Disease RIS
jrsharkey@srph.tamhsc.edu

Lactation. *Experimental Biology* is drawing near! There will be two Lactation RIS mini-symposia, one focused on clinical lactation and the other on mammary gland biology. Please plan to attend both. The first, “Factors related to early breastfeeding success” will be held on Sunday, April 25th from 10:30 AM to 12:00 noon, Anaheim Convention Center, Room 207D. The second, “Novel breakthroughs in milk and mammary biology: beyond the traditional nutrients” will be held on Monday, April 26th from 8:00 AM to 10:00 AM, in the Anaheim Hilton, California Ballroom A.

Also be sure to attend the Lactation RIS/ISRHML luncheon and business meeting, to be held on Monday, April 26 from 12:30 to 2:00 PM at the Anaheim Hilton. All members of either the Lactation RIS or ISRHML are encouraged to attend. Please check the program for room location. Finally, be sure to check your program for the Lactation poster session(s), as the date and time were not available at the time this went to press.

Contributed by Laurie Nommsen-Rivers
Chair-elect, Lactation RIS
laurie.nommsen-rivers@cchmc.org

Nutrition Education (NE). Greetings! It is my pleasure to welcome Lamis Jomaa as the student representative to the Nutrition Education RIS. Lamis is a PhD student in Nutritional Sciences at Penn State University. Her research interests include strategies and interventions to reduce pediatric obesity and malnutrition in the US and in developing countries. She has been extensively involved in leading and serving on multiple university organizations so she is well-positioned to have an impact on NERIS functions.

The *EB* meetings are just around the corner and I hope to see many of you there. There are several things that will be happening that you should be aware of. First, we will be sponsoring a NERIS Graduate Student Research Competition. By the time you read this, students who had Nutrition Education abstracts accepted for presentation will have been invited to submit an expanded abstract for the competition. We will recognize two students with \$200 awards. We are co-sponsoring a symposium with the Nutrition Translation RIS. That symposium is titled “Dissemination and Implementation of Evidence-based Nutrition Interventions: the Translation Gap” and it is scheduled for Monday, April 26, from 3:00 to 5:00 in the Hilton Pacific Ballroom B. Immediately after (and I hope in the same room) we will get together for a business meeting. The student winners and their faculty mentors will be recognized at that meeting.

The science of nutrition is complex and dynamic. Nutrition education is a means of translating nutrition science into actions that impact health and quality of life. Many of our RIS members are doing exciting work that influences the way in which we design, deliver, and evaluate nutrition education programs for the public and for other professionals. The NERIS has been fortunate this year to have attracted several new members who work in this field and are interested in the networking opportunities the NERIS can offer. If you are interested in this topic and would like more

information about the RIS, please contact me at the email address below.

Contributed by Cindy Fitch, Chair
Nutrition Education RIS
cfitch@mail.wvu.edu

Vitamin and Minerals RIS (VMRIS). Before we know it, *EB '10* will be upon us! I encourage each of you to attend our annual VM RIS business meeting and poster competition. This year, to increase interaction among members of different RIS groups and facilitate cost savings, the VM RIS and NGI RIS will share a room; there will be distinct poster areas and business meeting times for each RIS. The room will also be nearby a number of other RIS group meetings, including the EMM RIS. Following are details:

Event Title: ASN Nutrient-Gene Research Interest Section Business Meeting and Joint Reception with Vitamin and Minerals Research Interest Section

Date/Time: Saturday April 24, from 6:00 - 8:00 pm

Location: Marriott Anaheim

Schedule overview: **6:00-6:30:** VM RIS Business Meeting; **6:30-7:00:** NGI RIS Business Meeting, VM poster reception ; **7:00-8:00:** NGI & VM poster receptions continue, awards ceremonies

Graduate students and post-doctoral fellows! To enter the poster competition, please email the VM RIS chair-elect, Carol Johnston (***carol.johnston@asu.edu***) a one-page extended abstract by March 1st, 2010. The extended abstract must contain the following: a) title, authors, and affiliation(s), b) introduction and justification for the research, c) methods, procedures, and statistical approaches, d) results, e) conclusion and significance of the findings. Also, be sure to indicate the presenter status (student or post-doctoral fellow). An email to all presenters will be sent prior to the *EB '10* meeting with detailed instructions. Posters will need to be placed on the boards in the room by ***5:45pm on Saturday, April 24***, before the start of the business meeting. The poster session, and the VM RIS award ceremony will immediately follow the business meeting. Students and post-docs are required to be present at their posters by 6:30 pm to have their poster judged.

Each poster in the competition will be judged for:

1. Novelty/Originality
 - a. Conceptualization of the problem
 - b. Experimental design
2. Scientific Quality
 - a. Logic and appropriateness of methodology

- b. Selection of critical data
- c. Organization and clarity of figures and tables

3. Potential impact to the field of nutrition science

At least three outstanding posters will be given awards. Each award consists of a certificate and monetary awards for top posters. We are also looking for judges with mineral or vitamin expertise for the poster competition. Please email Carol Johnston (***carol.johnston@asu.edu***) if you would like to volunteer to serve as judge. All members will receive a notice at a later date regarding specifics of the poster presentations and judging criteria.

We look forward to a great meeting and seeing you in sunny Anaheim in April. Remember to come to the business meeting with new ideas for symposia for future *EB* meetings or you can email me with your ideas (***james.swain@case.edu***). Thank you for your continued support of the VM RIS.

Contributed by James Swain
VMRIS Chair
Case Western Reserve University
james.swain@case.edu

Nutrient-Gene Interaction (NGI). The Nutrient-Gene Interactions Research Interest Section (NGI RIS) is a vibrant group of scientists and clinicians within ASN who focus on research, teaching and outreach activities in the area of gene regulation by diet, individual nutrients, and bioactive compounds, and how genetic variations can alter the response to these factors. We encourage all those attracted to these areas of research to join our RIS by contacting the NGI RIS Chair, Tracy Anthony at ***tganthon@iupui.edu***.

On Saturday, April 24, the NGI RIS will hold our annual business meeting at 6:30 pm in the Marriott Hotel Anaheim! Following this event, stay and view the posters of students and postdoctoral fellows competing for travel awards presented by our generous industry sponsors, Mead Johnson Nutrition and Dyets, Inc. ***Enjoy refreshments and visit with leaders in molecular nutrition as we join with the Vitamins and Minerals (VM) RIS group to conduct a joint networking reception!***

NGI RIS Business Meeting, Saturday 6:30-7:00 pm, Marriott Hotel. The NGI RIS Business Meeting will be held immediately following the VM RIS Business meeting in the same room. Discussion topics include but are not limited to:

- Webinars, Listserv, and other means to increase communication within NGI RIS

- Partnering with another RIS for *EB 2011*
- Nominations for 2010 NGI RIS Chair-Elect
- Nominations/volunteers for Advisory Group
- Nominations/volunteers for mini-symposium Chairs for *EB 2011*

NGI RIS Poster Competition and Joint Reception with VM RIS, Saturday, April 24, 6-8 pm, Marriott Hotel. Refreshments and poster displays will be available to the membership starting at 6 pm. So, come early to discuss science with the next generation of nutrition scientists. Winners of the NGI RIS poster competition will be announced at 7:30 pm.

Nominations for NGI RIS Chair-Elect for 2010-2011. To nominate a NGI RIS member for the Chair-Elect position or Advisory Board before EB, contact Tracy Anthony (tganthon@iupui.edu).

Don't miss the following exciting symposia at *EB* co-sponsored by NGI RIS!

Sunday, April 25, 2010

10:30AM-12:30PM - Symposium: Dietary Regulation of microRNA Expression and Cancer Prevention. Chairs: Cindy Davis and Nancy Turner

3:00PM-5:00PM - Symposium: Minerals and Regulation of Gene Expression. Chairs: James Collins and Shannon Kelleher

Tuesday, April 27, 2010

8:00AM-10:00AM - Symposium: Systems Genetics in Nutrition and Obesity Research. Chairs: Naima Moustaid-Moussa and Brynn Voy

Finally, be sure to catch the latest research findings at our many excellent mini-symposium topics that include:

Nutrient-Gene Interactions, 8-10 am Monday, April 26, Anaheim Convention Center, 205AB (Co-chairs: Yuan-Xiang Pan, Dongmin Liu)

Epigenetics and Nutrition, Sunday April 25, 3:00PM-5:00PM Anaheim Hilton Pacific Ballroom A (Co-chairs: Sharon Ross, Janos Zemleni)

Nutrient-sensing mechanisms, Tuesday April 27, 10:30AM-12:30PM, Anaheim Convention Center, 205AB (Co-chairs: Tracy Anthony, Hong Chen)

Maternal-fetal programming of gene expression, Tuesday April 27, 3:00PM-5:00PM Anaheim Hilton, Pacific Ballroom B (Co-Chairs: Patrick Stover, Angela Devlin)

*Contributed by Tracy Anthony
Chair, Nutrient Gene RIS
tganthon@iupui.edu*

Nutritional Immunology (NI). *EB 2010*

is fast approaching, and the NI-RIS is proud to be able to make travel budgeting a little easier this year for three junior members (and their mentors). Thank you to all students and post-docs who submitted abstracts for consideration. We are pleased to announce that the following were selected to receive \$500 travel awards: J. Justin Milner, UNC Chapel Hill; Denise Lackey, MSU; Munkyoung Pae, Tufts. Congratulations! We will contact you, and you will receive your awards as soon as possible.

But wait, there's more... Don't forget about the student poster competition and Business Meeting on Saturday, April 24th, to be held in the Marriott from 5-7PM. (Please check the program for the room number and note the change in time from the last issue of *Nutrition Notes*!) The above award winners will present their posters, and we invite all additional students and post-docs to join us for the meeting and poster competition. This year it is not necessary to submit abstracts in advance; however, those wishing to join in the competition are expected to arrive promptly for the meeting and be set up at 5PM. At least two additional \$500 awards are anticipated, so participation in this event is highly encouraged. We will be structuring the judging differently this year. Instead of a formal, timed poster presentation, judges will freely mingle with the presenters during the first half-hour to 45 minutes of the meeting. Although there will be no formal time schedule, presenters should be ready with succinct (3 minute) presentations.

Concurrent with the poster competition we will be serving copious hors d'oeuvres and refreshments. This will be followed by a brief business meeting during which we will discuss events planning, hold elections, and announce poster winners. This entire event is made possible by our generous corporate sponsors—we will take time to acknowledge their support. Please travel safely. See you in Anaheim!

*Contributed by Barry Ritz, Secretary, NI-RIS
Bwr24@drexel.edu*

Nutritional Epidemiology (NE). When making your plans for Anaheim, be sure to select a departure time for late Wednesday afternoon so that you do not miss this opportunity to attend one of our Nutrition Epidemiology RIS symposia that focuses on the research discoveries and challenges of addressing energy balance in the population. See the program for more details!

Please remember that our business meeting is scheduled for **Monday April 26th from 2-3:30 pm**, location Marriott Anaheim. There will once again be a Student Poster Competition. We will be having a grand Prize \$500 and one runner-up.

Please encourage your graduate students to submit their abstracts. Abstracts are due **March 12th 2010**. Please send abstracts directly to me at **am_siegariz@unc.edu**. The executive committee will review abstracts to make sure they fit within the scope of nutrition epidemiology and then the posters will be judge by a panel at the business meeting.

Our group is pleased to report that the webinar series has been very successful. Each month since November 2009, leaders in field of epidemiology have presented hour-long webinars. This series was originally intended for students, but participants have ranged from all career stages. Participants have been very engaged and have provided positive feedback on the format. **Katherine Tucker will present the next webinar, March 11, 2010 at 1PM EST**. Please contact Regan Bailey, **baileyr@mail.nih.gov** to register.

On a final note, last month one of our dear colleagues and friend, Jessie Satia from the University of North Carolina passed away. An avid researcher and scientist, the overarching focus of her research was the association of nutrition and diet-related factors with chronic diseases, particularly human cancers. Publishing more than 65 papers and authoring two book chapters, Dr. Satia earned numerous awards and honors. I know that you join me in mourning the loss of this wonderful individual.

It has been a pleasure to serve you as Chair for two years. Youfa Wang will become the next Chair at the Annual meeting. Please come prepared with nominations for a chair-elect at our business meeting.

*Contributed by Anna Maria Siega-Riz
Chair, Nutritional Epidemiology RIS
am_siegariz@unc.edu*

Diet and Cancer (D-C). Our RIS has the pleasure of hosting the following activities at *EB10* and we are looking forward to your participation so be sure to include them as you plan your schedule:

Symposium: Dietary Regulation of microRNA Expression and Cancer Prevention on Sunday from 10:30 a.m. – 12:30 p.m. Our speakers include. Carlo Croce (Ohio State University), Robert Chapkin (Texas A&M University), Igor Pogribny (National Center for Toxicological Research), and Sharon Ross (National Cancer Institute). We are grateful for the financial support provided by the Coca-Cola Corporation, the American Institute for Cancer Research and Kraft Foods. Be sure to attend the symposium and extend your gratitude to representatives of our supporters because without

their belief in our research initiatives and financial contributions, activities such as these would not be possible.

Minisymposia: Diet and Cancer (Monday, 8:00 – 10:00 a.m., Convention Center, 207B), and Diet and Cancer, Micronutrients and Bioactive Molecules (Monday, 10:30 a.m. – 12:30 p.m., Convention Center, 207B).

Diet and Cancer poster sessions are scheduled as follows:

Monday:

Session Title: Diet and Cancer

Session Title: Diet and Cancer, macronutrients

Session Title: Diet Exercise and Cancer

Tuesday:

Session Title: Diet and Cancer, Micronutrients and Bioactive Molecules

Session title: Translational and Clinical Aspect of Diet and Cancer

Session Title: Nutrition and Cancer Survivorship

Our business meeting will be held starting at 1:00 p.m. on Sunday. We will hold our poster competition for graduate students and post docs at the meeting, and posters will need to be put up in time for the judging to begin at approximately 11:30. A light lunch will be available prior to the start of the meeting. An e-mail will be sent to all RIS members providing the location as this information is finalized. Please extend your thanks to the Coca Cola Company for providing the funds to cover the poster awards. The TCCC has been a generous sponsor of this event for many years, and their continued support is greatly appreciated.

Remember that the deadline to submit proposals for symposium topics for *EB11* is March 15, 2010. We will be discussing minisymposia for *EB11* at the business meeting and we look forward to hearing your recommendations for new topics.

*Contributed by Nancy Turner, Chair
Diet and Cancer RIS
n-turner@tamu.edu*

Dietary Bioactive Components (DBC).

News of the DBC and events at EB2010 will be posted to the list serv. Watch for the announcement.

*Contributed by Mario Ferruzzi,
Dietary Bioactive Components, RIS
mferruzz@purdue.edu*

Energy and Macronutrient Metabolism (EMM).

The Energy & Macronutrient RIS welcomes ASN members interested in the function, metabolism, and utilization of carbohydrates, lipids, proteins, and amino acids. Section members make this group successful by supporting a large variety of minisymposia, full symposia, and poster sessions at Experimental Biology.

Mark your calendars: Our annual "Hot Topics" seminar, business meeting, and member reception/student poster awards at *Experimental Biology* will take place the evening of Saturday, April 24. The "Hot Topics" seminar speaker this year is Mary-Ellen Harper, University of Ottawa, Canada. Dr. Harper is a leader in the areas of molecular control of thermogenesis, functional roles and mechanisms of uncoupling proteins (UCPs), and regulation of mitochondrial fatty acid metabolism. The seminar session will commence at 5 PM, followed by our business meeting and the reception, which will end by 8 PM. Keep an eye on the ASN program for exact location.

Students, we welcome you! Students are the future leaders in nutrition and metabolism research. The EMM Research Interest Section leadership would like to see more students participate in the RIS community. We encourage major professors and mentors to make their students aware of the EMM group, and students can join by emailing the ASN Membership Manager, Diana Tavares (**DTavares@nutrition.org**). Looking forward to seeing everyone in April!

Contributed by Sean H. Adams, Chair
sean.h.adams@ars.usda.gov on behalf of:
Kimberly K. Buhman, Chair-Elect
kbuhman@purdue.edu
Malcolm Watford, Past-Chair
watford@AESOP.Rutgers.edu

Student Interest Group (SIG). The Student Interest Group has been actively working to increase the participation of student members and to promote interaction between student members and other facets of the ASN community. We have begun work for *EB 2010* and would like to announce upcoming opportunities, including two SIG-sponsored travel awards for *EB 2010*. The first award will be a merit-based abstract competition. Any student or post-doc who has submitted an abstract for *EB 2010* as **first author** is eligible for this travel award. Applications have been e-mailed through the list-serv, are available at <http://www.nutrition.org/our-members/students/opportunities-for-students/>, or can be requested by e-mailing Emily Tomayko (**etomayk2@illinois.edu**). The pool of applicants will be narrowed to 6 finalists who will be asked to present during the Student Breakfast at *EB 2010* on Sunday, April

25th. Applicants will be notified of the decisions of the committee by the first week of April. The second travel award will be based on participation in various events during *EB* including the SIG-sponsored Special Session, Student Breakfast, and with the purchase of a student-designed t-shirt sold throughout the conference.

In other conference news, ASN is sponsoring a session at the American Medical Student Association Annual Meeting in Anaheim, CA. The session will take place on Saturday, March 13, from 10:30am to 12:20pm and is entitled "Establishing a Safer Food Supply: A National and Global Health Priority". Please contact Elizabeth Ko (**elko@med.miami.edu**) if you are interested in this opportunity. Are you looking for other ways to be involved in ASN? Have you joined a Research Interest Section? There are currently 16 RIS Communities that cover a wide range of research topics. These groups welcome student members and all the groups have an appointed student representative who can provide you with more information about a particular RIS. As a student member of ASN, you are not restricted to involvement in SIG activities---take a look around this issue of *Nutrition Notes* to see what the Research Interest Sections have planned for *EB 2010* and in the months to come. You will also have the opportunity to attend the RIS Business Meetings in Anaheim. Look for communication from your RIS student representatives or contact Diana Tavares (**dtavares@nutrition.org**) for more information.

SIG student members continue to be very active on social media outlets including the ASN blog (www.nutrition.org/asn-blog), Facebook, Twitter, LinkedIn, and even YouTube. If you subscribe to the ASN channel on YouTube, you can watch videos from *EB 2009*, the monthly member newsletter greeting from the ASN President, as well as video segments on Vitamin D, choline, and organic foods. Check this out during your next lunch break for a great way to stay informed of events and news with ASN! We are also continuing to work through Facebook as an additional means to communicate to ASN members. *All members* are welcome to join! This page includes updates on student bloggers, videos featuring ASN leadership, links to journal articles and webinars, as well as announcements about upcoming ASN awards and events. Any fan of this page is encouraged to post a comment or message.

If you have any questions about the SIG or ideas for us to better serve you as students and post-docs, please contact Emily Tomayko, chair of the SIG, at **etomayk2@illinois.edu**.

Contributed by Emily Tomayko, SIG Chair
etomayk2@illinois.edu

Experimental Animal Nutrition (EAN).

Experimental Animal Nutrition-RIS will host a poster presentation competition for graduate students and postdoctoral scientists on April 24th Saturday at 5:00pm. Any good abstracts submitted to *Experimental Biology 2010* are eligible for this competition if the study uses animals as a research model. Papers should be submitted to Matthew Waldron (waldronm@missouri.edu). Up to four presenters will be selected for awards. The EAN-RIS Business Meeting will follow the poster competition.

Experimental Animal Nutrition-RIS will host three mini-symposia and co-host a workshop with Mathematical Modeling-RIS during *Experimental Biology 2010: MINISYMPOSIA*: (1) Animal research models in lipid and protein nutrition and physiology. *Chairs*: Sung Woo Kim and Kazuo Katoh [Anaheim Convention Center, 207B] Apr 25. 10:30am-12:30pm (This is jointly organized with Japanese Nutrition/Physiology Group). This will give us a good opportunity to meet with Japanese scientists in experimental animal nutrition area); (2) Animal models of gastrointestinal health and disease. *Chair*: Kelly Swanson [Anaheim Convention Center, 207B] Apr 25. 3:00PM-5:00PM; (3) Animal research models in macronutrient metabolism. *Chair*: Matt Waldron [Anaheim Convention Center, 205AB] Apr 27. 8:00AM-10:00AM; and (4) *WORKSHOP*: Applications of Modeling Techniques to Identify Mechanisms Involved in Obesity. *Chairs*: Heidi Johnson, Mark Hanigan, Kelly Swanson, Sung Woo Kim. Apr 27. 10:30am-12:30pm. Any questions can be sent to sungwoo_kim@ncsu.edu or waldronm@missouri.edu

*Contributed by Sung Woo Kim
Chair, EAN-RIS*

Mathematical Modeling (MM). If you are a member of the Mathematical Modeling RIS, check the listserv for postings and RIS information by the RIS Chair, Heidi Johnson. Should you wish to post an announcement please contact Dr Johnson at: hajohnson@ucdavis.edu

Community and Public Health Nutrition (CPHN).

The RIS has begun using the new listserv. If you have not been receiving email messages from the CPHN listserv, please let me know. The Webex is available for RIS use. Suggestions from members included using it to organize symposia submissions, review student abstracts for awards, and patch into existing seminar series to have a recorded web version available to members. Symposia proposals for *EB2011* are due March 15, 2010; some ideas for symposia in 2011 included Dietary Guidelines, Evidence-based Nutrition and Food Security Policy, Maternal Nutrition Interventions, and Built

Environment Interventions. Mini-symposia titles are due to ASN May 15; some suggested ideas are: Household Food Security Measurement in Diverse Populations, and Community-Level Influences on Nutrition. Sonya Jones at the University of South Carolina: sjones@mailbox.sc.edu has been elected to be the new RIS chair beginning June 1, 2010. Kim Harding at Micronutrients Initiative kharding@micronutrient.org will begin serving as the new communications coordinator then also. The business meeting in Anaheim will be held on Saturday, April 24 at 5 pm.

*Contributed by Edward Frongillo,
efrongillo@sc.edu*

Chair, Community and Public Health Nutrition RIS

Nutrition Translation from Bench to Consumer (NT).

Frances Coletta, incoming chair, surveyed our RIS members during the first week of February regarding topics for the *2011EB* scientific symposia. Thirty-five members responded with many helpful comments and recommendations. Based on this response, the planning committee (Frances Coletta, Cathy Kapica and Doug DiRienzo) is working on prioritizing the topics and exploring collaborations with other RIS groups and scientific partners. If any RIS members would like to provide additional comments or participate in the development of these proposals as well as identify funding sources, please contact Frances at fcoletta@comcast.net.

Our RIS will be co-sponsoring two symposia at *EB2010*. They are: 1) "Sodium in the Food Supply: Challenges & Opportunities" and 2) "Dissemination and Implementation Approaches to Move Nutrition Education Effectively Down the Translation Pathway." Both sessions are currently scheduled to take place on Monday, April 26, 2010 from 3-5 p.m. Please be sure to attend one and bring a colleague. We would like to thank everyone at ILSI and the Nutrition Education RIS who gave their time to help put together these great symposia.

The Nutrition Translation RIS business meeting at *EB2010* is currently scheduled to be held from 1:30-2:30 on Sunday, April 25th in room 207C at the Convention Center. In addition to our traditional meeting, for the first time, we plan to have an invited a guest speaker. Further information including the business meeting agenda and speaker information will be provided via the list serve in the upcoming weeks.

*Contributed by Douglas DiRienzo, Chair,
Nutrition Translation from Bench to Consumer RIS
Douglas.dirienzo@rosedmi.com
Frances Coletta, Incoming Chair
Nutrition Translation from Bench to Consumer RIS
Fcoletta@comcast.net*

CARIG. Mark your calendars for the CARIG symposium, which will be held April 23rd in Anaheim, CA, before the formal *Experimental Biology* meeting. We have a very distinguished panel of speakers that have accepted the invitation to speak at the conference. The James Allen Olson Memorial lecture is expected to be given by John W. Erdman, Jr. The theme of the session is carotenoids and cancer. The CARIG RIS steering committee has been joined by two student representatives, Nikki Ford (PhD expected, mentor John Erdman) and Shellen Goltz (PhD expected, mentor Mario Ferruzzi). We are pleased to have this added input to CARIG.

Contributed by Sherry Tanumihardjo, Chair
CARIG RIS
sherry@nutrisci.wisc.edu

Positions Available



Since the June 2008 issue of *ASN Nutrition Notes*, the position ad protocol has been changed. We will no longer publish the position ads in our print issues. Instead, we will, upon receipt of your ad, create a PDF, an EXACT duplication of your ad and place it on our 'JOBS' website. Your position ad will remain on the ASN website for four months; until the deadline has passed; or until you ask us to remove it. The cost for each position ad will remain the same at \$200.00. Paper, printing costs, formatting and the popularity of the website have contributed to the new protocol.

All job listings may be viewed on our website: www.nutrition.org and click on 'jobs'

Academic

Faculty Position, Nutrition/Rodent Behavior,
UNC-Chapel Hill
Research Assoc Prof, UNC Carolina Population Ctr
(2-3-10)
Research Assoc Prof, UNC, Nutrition Epidemiology
(2-3-10)
Assist Prof, Exercise/Nutrition Science,
SUNY-Buffalo (2-1-10)
Postdoc Fellow, Univ of Alberta (1-28-10)
Senior Lecturer, Nutritional Sciences,
Univ of Surrey (1-22-10)
Postdoc, Human Energy Metabolism
Cleveland (1-21-10)
Assist Prof- CUNY School of Public Health (1-13-10)
Assist Prof in Pediatric Obesity
SUNY-Buffalo (12-28-09)
Faculty in Nutrition National
Taiwan Normal University (12-18-09)
Dir. of Nutrition & Human Performance
Logan College of Chiropractic (12-1-09)

Assist Prof Dept. Human Nutrition,
Kansas State Univ (11-20-09)
Canada Research Chair in Clinical Nutrition
Concordia Univ (11-20-09)
Postdoc, Univ of Kansas (11-9-09)
Assist Prof Univ of Missouri School of Medicine,
Nutrition and Exercise (11-4-09)
Prof & Director Functional Foods Initiative
Univ of Connecticut (10-28-09)

Non-Academic

Research Dietitian Rippe Lifestyle Institute, FL
(2-12-10)
Senior Nutrition Scientist, Kellogg's (2-3-10)
Senior Information Specialist ESI,
Bethesda MD (1-8-10)
Program Manager ESI, Bethesda MD (1-8-10)
Research Scientist, Nutritional Epidemiology,
CSIRO Australia (12-1-09)
Principal Nutrition Scientist Dr. Pepper
Snapple Group (11-12-09)
Nutritionist/Dietitian NY-Presbyterian
Hospital (11-10-09)
Program Manager, ESI Bethesda, MD (10-30-09)

Coming Events



2010

MARCH

23-24 3rd Annual Biomarkers Conference.
BSG Conference Centre, London, UK. For more
information please contact Kirsty at: **Kirsty.chen@
vgpharma.com**

APRIL

24-28 ASN Scientific Sessions and Annual Meeting. *Experimental Biology*, Anaheim CA [to
view scientific sessions program dial up www.nutrition.org click on meetings, then on annual
meetings and then on the *EB2010* program.

29-30 1st International Congress on Oxidative Stress & Infertility: Recent Advances & Controversies. Lyon, France. Call for Abstracts:
Oral & Poster Presentations. Deadline for early
registration and abstract submission for short oral
presentation: **15 March 2010**. For more details
and to register, please visit the conference website
at www.fertility-site.com

MAY

6-8 The Power of Programming: International Conference on Developmental Origins of Health and Disease. Munich,
Germany. The conference is jointly organized by
the Early Nutrition Academy, (EC funded), Early

Nutrition Programming Project (EARNEST) and the Developmental Origins of Health and Disease Society (DOHAD). It will be an opportunity to share the latest results that have come out of the Early Nutrition Programming Project as well as other recent findings on the long term effects of early nutrition. The study of developmental programming requires an integrated multi-disciplinary approach and the conference will present results from clinical trials, epidemiological studies and basic science. We will bring together more than 250 clinicians and scientists from around the world. (for further information look at: www.metabolic-programming.org)

JUNE

8-11 9th Vahouny Dietary Fiber Symposium. Venue: Marriott, 5151 Pooks Hill Road, Bethesda, MD 20814, USA; (301) 897-9400. . Complete science review of dietary and functional fibers; Fiber and health claims; Fiber in glycemic control; Fiber in weight/satiety control; Fiber and heart health; Fiber and intestinal health; Prebiotics; Fiber ingredients; Definition and analysis of dietary fiber; Functionality of dietary and function fibers. Abstract deadline: **Thursday, January 29, 2010.** Contact: Susan Cho, NutraSource Research. Please send an email to: sscho397@yahoo.com; or www.NSResearch.org

JULY

11-15 7th International Congress of Neuroendocrinology. Rouen, Normandy, France. General information about the meeting arrangements can be found at: <http://icn2010.univ-rouen.fr> To be placed on the mailing list, contact: Dr. Sebastien Bouret, sbouret@chla.usc.edu

12-14 34th National Nutrient Databank Conference – Prairie to Plate: Exploring Food and Nutrient Database Frontiers. Grand Forks, North Dakota, USA. The National Nutrient Databank Conference is held annually to foster communication among nutrient data base generators and users. Participation is open to researchers from academia, the food industry, government and other interested parties. **Call for Abstracts:** We invite the submission of original abstracts to be considered for both oral and/or poster presentations. Abstracts concerning all topics related to food composition data and databases are welcome, and abstracts related to the conference theme are particularly encouraged. Abstracts are to be submitted using our on-line system which will be available in December 2009. Abstract Deadline: **February 15, 2010.** For more information, contact Rachel Fisher at Rachel.Fisher@nih.hhs.gov or Marie Kuczmarski at mfk@udel.edu. **Registration:** Information will be

posted at www.nutrientdataconf.org. Check back often for updates or contact Lisa Jahns at Lisa.Jahns@ars.usda.gov. Proceedings from past conferences can be found there, as well.

15-16 International Symposium on Neuroendocrine Programming of Obesity. [Satellite Meeting to the 7th International Congress of Neuroendocrinology – see above July 11-15] Rouen, Normandy, France. General information about the meeting arrangements can be found at: <http://icn2010.univ-rouen.fr> . To be placed on the mailing list, contact: Dr. Sebastien Bouret: sbouret@chla.usc.edu

SEPTEMBER

23-25 II World Congress of Public Health Nutrition. Porto, Portugal. <http://www.nutrition.2101.skyros-congressos.com>

OCTOBER

21-22 The Annual AICR Research Conference on Food, Nutrition, Physical Activity and Cancer. Washington, DC. www.aicr.org/conference

2011 [APRIL]

9-13 ASN Scientific Sessions and annual meeting. *Experimental Biology.* Washington DC.

2012 [APRIL]

21-25 ASN Scientific Sessions and annual meeting. *Experimental Biology.* San Diego CA

2013 [APRIL]

20-24 ASN Scientific Sessions and annual meeting. *Experimental Biology.* Boston MA

2013 [SEPTEMBER]

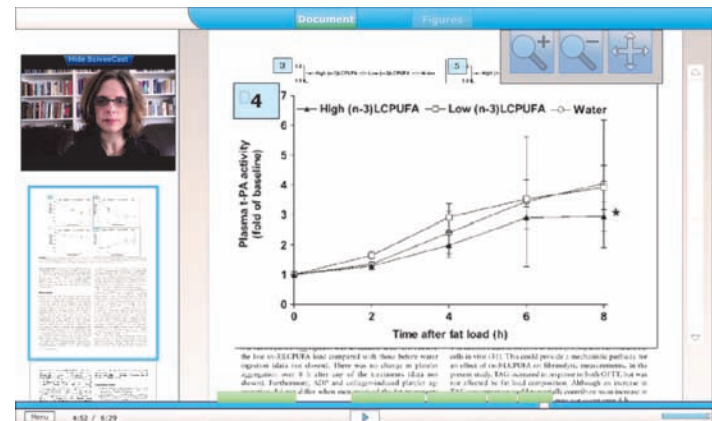
15-18 20th International Congress of Nutrition: Joining Cultures Through Nutrition. Granada (SPAIN). www.icn2013.com





Look for author videos in upcoming issues of *The Journal of Nutrition* and *The American Journal of Clinical Nutrition*

ASN has begun a pilot venture with a video software product called SciVee to promote selected works from the journal. SciVee is a browser-based synchronization technology that allows authors of scientific publications to publish a video 'pubcast' about their research that is synched to display parts of the published manuscript. The technology is designed to be "viral" and the developers include coding with the published video pubcasts that enables anyone to embed the video on their own website, while the views of the video are counted. Look for author videos in upcoming issues of the journals.



<http://www.nutrition.org/publications/author-video/>



The Journal of Nutrition – February 2010 Media Summaries

The following articles were published in the February 2010 issue of *The Journal of Nutrition*, a publication of the American Society for Nutrition. A summary of the articles appears below.

Leaders in Nutrition Research

Dr. Nevin Scrimshaw and the Guatemalan Studies that Helped Redefine Maternal and Child Nutrition

Research is a difficult and complex task, and although it is the aspiration of all scientists to make a difference in their world, not all accomplish this dream. There are, however, clear instances in which certain nutrition researchers have – through great intellect, sacrifice, and sheer diligence and effort – changed what we know about nutrition and improved the lives of countless individuals worldwide. Dr. Nevin Scrimshaw, now Professor Emeritus at the Massachusetts Institute of Technology, is such a scholar. In the summer of 1949 at a mere 30 years of age, he became the founding Director of the Institute of Nutrition of Central American and Panama (INCAP), a fledgling organization with a bold goal of tackling the often deadly malnutrition plaguing that portion of the developing world. In honor of Dr. Scrimshaw and all who accompanied him and followed in his footsteps at INCAP, the American Society for Nutrition (ASN) hosted a special symposium in the spring of 2009. Papers describing how their studies (as well as those that are still on-going) have both defined and redefined what the world knows about maternal and child nutrition are published in the February 2010 issue of *The Journal of Nutrition*.

Datelines



Dateline West...with John McNamara

*From the University of Washington...***John Halver**, Professor Emeritus in Nutrition at the University of Washington, elected to the National Academy of Sciences (1978), and the Hungarian Academy of Sciences (1998) was made a Founding member of the Washington State Academy of Sciences. He has been instrumental in developing the science of Fish Nutrition over the past 60 years and has established an endowment for the annual John E. Halver Lecture series in Comparative Animal Nutrition at Washington State University. Ken Overturf, of the USDA Agricultural Research Service, gave the 2009 Halver lecture in Comparative Animal Nutrition on November 20th, "Correlating Gene Expression with Nutrient Utilization in Rainbow Trout". Dr. Overturf's area of research includes functional genomics in aquaculture. In his current position he has used gene expression techniques to develop a rainbow trout broodstock program by identifying markers for use in selectively improving the growth and health of trout reared on alternative sustainable diets. His research interests include studies on the physiological, molecular, and cellular effects that occur in fish in accordance to dietary changes. Furthermore, his studies consist of evaluating the genetic variability of identified traits and then development of markers to use in broodstock selection.

Information for **Dateline West** should be sent to **John McNamara**, Washington State University, Department of Animal Sciences, 233 Clark Hall, Pullman WA 99164-6351, TEL: 509-335-4113; FAX: 509-335-4246; email: mcnamara@wsu.edu

Dateline Southeast...with Kathryn Kolasa

*From Auburn University...***Teresa A. Davis**, Professor, Dept. of Pediatrics, Baylor College of Medicine will be providing the Plenary lecture at the Boshell Diabetes and Metabolic Diseases Research Day at Auburn University (AL) on March 26, 2010.

*From East Carolina University...***Kathy Kolasa** served on an accreditation site visit team for a new clinical nutrition program at the University of Sharjah, United Arab Emirates. **Kathy** presented "Preventing Generation XXXL" to HealthFirst of New York and New Jersey.

*From the University of Florida...***Linda Bobroff** and a team of four colleagues presented a three-day training workshop on the University of Florida IFAS Extension's diabetes self-management education program, *Take Charge of Your Diabetes*,

in St. John's, Antigua, January 19-21, sponsored by the government of Antigua. **Bob Cousins** has been named the 2010 Recipient of the Dannon Institute Mentorship Award sponsored by Dannon Institute and administered by American Society for Nutrition. This award is given for outstanding mentorship in the development of successful nutritional research science investigators. The award of \$2500 and an engraved plaque will be presented at the 2010 meeting of ASN in Anaheim. Anne Kendall was selected as the 2010 Florida Dietetic Association Outstanding Dietetics Educator for DPD programs. Anne will be recognized at the FDA meeting later this year in Orlando.

*From the University of Kentucky...*During the 2009 Annual Meeting of the American College of Nutrition, Bernhard **Hennig** received the Charles A. Ragus Award for the Best Scientific Research Paper published in JACN in 2008-2009. **Howard P. Glauert** presented "Role of NF- κ B in Carcinogenesis by PCBs and Peroxisome Proliferators" at the International Symposium on New Drug Development, Chungbuk National University, Cheongju, South Korea, on December 11, 2009. **Gordon Klein** has joined as Professor of Pediatrics in the Gastroenterology and Nutrition Division and will direct Nutrition Support Service for the Children's Hospital. **Dr Klein** will continue his work on calcium and vitamin D nutrition and bone metabolism. **He** has been on sabbatical; lectured in India last January, speaking at the 7th Asia Pacific Burn Meeting and the All-India Institute of Medical Sciences in New Delhi and the Sanjay Gandhi Postgraduate Institute of Medical Sciences and King George V Medical College in Lucknow. In June and July **Dr Klein** gave a seminar at the Nuffield Department of Orthopaedic Surgery at Oxford; a workshop on bisphosphonates held at St Catherine's College there. In September **he** gave the opening lecture at the International Society of Clinical Densitometry course in Beijing and the closing lecture at the Asia Pacific Osteoporosis Conference also in Beijing. In November he was a visiting professor at Cincinnati Children's Hospital; in December **he** lectured to the Endocrine division of the Brigham and Women's Hospital, Harvard Medical School. The topics at all the conferences dealt with the mechanism(s) of bone loss following burn injury in children and/or the use of bisphosphonates to treat or prevent the bone loss.

*From UNC-Chapel Hill...***Steve Zeisel** gave a talk on Sept 4th at the European Nutrigenomics Organization, Montecatini, Italy entitled 'Nutrigenomics and the dietary requirement for choline.' On Oct 21, **he** gave a talk at the International Society of Nutrigenetics/ Nutrigenomics in Washington DC on Choline and Brain Development: epigenetics, nutrigenomics and sex. This spring **Rosalind Coleman** has

been asked to speak about her tissue-specific knockout mice at the 2010 Keystone Symposium on Triglycerides and Triglyceride-Rich Particles in Health and Disease in Big Sky, Montana, at Vanderbilt University, and at the Burnham Institute at Nona Lake, Orlando. In April **she** will also speak to the New York Lipid Group and at the Foundation des Treilles in France. Her postdoctoral fellow Angela Wendel was awarded an individual NRSA form the NIH. **Barry Popkin** presented a lecture "Public Health Strategies For Confronting The Epidemic" to the Mexican society of nutrition and endocrinology in Monterrey on November 6, 2009. In December, he organized and led a symposium on "Water, an Essential Nutrient for Life" at a joint session of the French Nutrition Society 4th Congress. His session was cosponsored by the Spanish Nutrition Society. His talk was on "Water and Human Health. "During this same trip **he** then gave the plenary address "*global nutrition dynamics and non communicable diseases.*" to the Italian Society of Nutrition in Florence on December 12, 2009 12; went on to Naples to give a lecture entitled "Role Of Fructose Consumption In The Epidemic Of Obesity And Diabetes" to the Frederica University Di Napoli Federico II and The CEINGE-Biotechnologies Avanaide Institution. On January 12, 2010 **Dr. Popkin** gave an invited lecture to the Population Research Institute at Penn State entitled "Global Obesity Dynamics, Underlying Causes and Prevention Policy Research". At the end of January **he** presented a talk at the The 1st International Congress on Abdominal Obesity in Hong Kong entitled "Healthy Drinking: An Important Component of Healthy Lifestyle". He visited one of his study provinces, Hunan, and gave a lecture to the Hunan CDC entitled "Dynamics of Global and Chinese Nutrition" on Feb 1, 2010 in Changsha and a lecture at the China-Japan Friendship Hospital, Ministry of Health, Feb 8, 2010 entitled "The World is Fat: Will China Face Beverage and Sweetness Changes." **Jesse Satia**, after a long illness, died at her home in Chapel Hill in the early winter. **Dr Satia** joined the UNC Nutrition department faculty as an Assistant Professor and also became a member of the UNC Lineberger Comprehensive Cancer Center. She later worked in the department of global epidemiology at Amgen Inc. in Thousand Oaks, California for two years and in late 2005, returned to North Carolina as an Assistant Professor of nutrition and epidemiology and Special Assistant to the Dean for Diversity. In 2007, she was promoted to Associate Professor, tenured in the departments of nutrition and epidemiology.

Information for Dateline Southeast should be sent to **Kathryn M. Kolasa**, The Brody School of Medicine at East Carolina University, 600 Moye Blvd, Suite 4N-70, Greenville, NC 27834; TEL: (252) 744-5462; FAX: (252) 744-3040; email: **Kolasaka@ecu.edu**

Dateline North...with Darlene Berryman

From Indiana State University... **Rao Ivaturi** has developed Webdietitians's first Iphone application. The Webdietitian's BMI calculator is in the Apple app-store and is a free download. To access this application, one must go the Apple app store and search for the Adult BMI Calculator. Currently **Dr. Ivaturi** is working on another application for the Iphone/Apple platform that will allow clinicians and users to develop customized diet plans for diabetes management. The launch of this application will be announced sometime this year. For more information, go to www.webdietitian.com.

From Iowa State University... **Diane Birt** presented 'Identifying the anti-inflammatory and anti-viral constituents of Echinacea, Hypericum, and Purnella' at Texas Southern University, Houston, TX in December. **Christina Campbell** presented 'Maternal DHA status in pregnant women living in a non-coastal community' to the Dept. of Nutrition at the University of British Columbia. Several noted speakers came to Iowa State University as part of the annual Modern Views of Nutrition seminar series with the theme of Nutrition and Epigenetics: **Janos Zempleni** of University of Nebraska-Lincoln, Joe Eisenmann of Michigan State University, **Shawn Donkin** of Purdue University, and **Jimmy Crott** of Tufts University.

From University of Minnesota... **Douglas Mashek** presented the invited talk "TAG hydrolysis: New insights into its role in fatty liver and metabolic disease etiology" to the Department of Nutrition and Exercise Physiology at the University of Missouri in November 2009. Sabrina Peterson received a 5-year career development award from NCI for biomarker development. She was also invited to speak on, "Diet, Genetic Polymorphisms, & Detoxification" at the 3rd Annual Probiotic Symposium and to be the moderator of the session, "Taking Health and Wellness 'To Go' -- Next Generation Medicinal Foods," at the 8th Annual Life Science Alley Conference and Expo. **Alice Shapiro** has been funded by the National Oncology Nursing Foundation for the proposal: Measuring Musculoskeletal Symptoms with Aromatase Inhibitors. **Joanne Slavin** recently gave the following invited lectures: The state of research on carbohydrates, World Pasta Day, New York, NY, October 2009; Dietary fiber and health, American Chemical Society, Southwest Symposium, El Paso, TX, November 2009; Evidence-based reviews to make diet recommendations, Calorie Control Council Annual Meeting, Ponte Vedra Beach, FL, November 2009; Dietary fiber and body weight: gut hormones, gut microflora, or something else? at LSU Pennington Biomedical Research Center, January 2010.

From The Ohio State University, Department of Human Nutrition... **Bob Reynolds**, who retired in 2007 from the Department of Human Nutrition, University of Illinois at Chicago, is teaching several courses as a Visiting Professor in the Department of Human Nutrition, Ohio State University, his alma mater. **Carolyn Gunther** is serving as an Investigator on the USDA multistate W2003 project, "How to motivate parents to promote intake of calcium rich foods among early adolescents (from W1003)", and participated in the 2009 annual meeting held at University of California-Davis. The OSU Office of Academic Affairs and Office of Research recently announced 5 years of funding for The Food Innovation Center: Foods for Global Security, Safety, and Health Promotion. This center includes 80 faculty from 12 colleges to address the following four themes related to food systems: designing foods for health, ensuring food safety, advancing biomedical nutrition in disease prevention and health promotion, and global food strategy and policy. **Ken Lee** will serve as Center Director with **Steve Clinton**, **Mark Failla**, Michael Leiblein and **Steven Schwartz** assisting as Associate Directors. From the originally submitted 16 center proposals for innovative centers, the second center selected for funding is the Poverty Center. **Hugo Melgar-Quinonez** will have a leadership role for the theme area focused on global food security issues. **Steve Clinton**, **Earl Harrison** and **Steve Schwartz** each presented invited lectures at the Gordon Conference on Carotenoids in Ventura, CA. **Churreporn Chitchumroonchokchai** received a travel award from ASN to present her research titled, "Impact of type of oil on carotenoid and vitamin E bioavailability using in vitro digestion/Caco-2 cell model", at the International Congress of Nutrition. **Mark Failla** presented an invited lecture titled, "In vitro approaches for investigating bioaccessibility and absorption of dietary compounds", at the International Congress of Nutrition.

From Ohio University... David H. Holben received an EcoLeadership Grant from Fulbright Canada, for his ECOhio Garden Project.

From Purdue University... The Symposium on Beverages and Health was held September 17-19 in Indianapolis by the Purdue University Ingestive Behavior Research Center. Purdue presenters were, **Richard Mattes**, **Mario Ferruzzi**, Susie Swithers, and **Connie Weaver**. A rich roster of outside presenters was a highlight of this symposium: **Maureen Storey**, **Barry Popkin**, Simon Thornton, Margriet Westerterp-Plantenga, **Frank Hu**, **Arne Astrup**, Martin Yeomans, **Arthur Klatsky**, Judith Ashley, and **Steven Heymsfield**. **Richard Mattes** presented, Oral Fat Exposure and Lipid Metabolism in Humans, at the Beijing International Meeting on Research in Taste & Smell. **Sibylle**

Kranz joined the faculty of the Department of Foods & Nutrition in October of 2009. In November, **Dr. Kranz** chaired a session on water and health at American Public Health Association and presented, "Since when is water a nutrient and why?"

Information for Dateline North should be sent to **Darlene E. Berryman**, Associate Professor, School of Human and Consumer Sciences, W324 Grover Center, Ohio University, Athens, OH 45701; TEL: 740-593-9943 (office); TEL: 740-593-9960 (lab); email: berrymad@ohio.edu

Dateline East...with Robert Jackson

From the Division of Biobehavioral Sciences at the University of Pennsylvania... **Stella L. Volpe** has been the recipient of two NIH American Recovery Act Administrative Supplements that will help to support a randomized controlled trial evaluating the effects of magnesium supplementation on the metabolic syndrome (funded by NIDDK). One of the supplements funds undergraduate student research assistants, while the other will help to pay for further biomarker analyses. **Dr. Volpe** presented a seminar on her research on obesity and diabetes prevention at the University of Rochester, School of Nursing on September 15, 2009. In April, 2009, **Dr. Volpe** was the recipient of the University of Pittsburgh Distinguished Alumni Award, Department of Health and Physical Activity.

From Tufts University... **Nevin Scrimshaw**, International Nutrition Foundation in Boston, saw the installation of a new President, **Ricardo Uauy**, at the first Advisory Board meeting of 2010 in February. The founding president, **Nevin Scrimshaw**, stepped down after 28 years of leading this foundation for the support of nutritional information, overseas research and capacity building and training for institutions and professionals. One half of the members of the Board, including the Chair, **Irwin Rosenberg**, are members of the ASN.

From New York University... **Marion Nestle** gave the Sixth Annual George McGovern World Food Day lecture at FAO in Rome and also lectured for the State Department in Vienna (Kreisky Forum for International Dialogue), Milan (Nutrition Foundation of Italy), and Vicenza (University of Padua) last fall. In January, she spoke at the FDA Center for Veterinary Medicine. **Niyati Parekh** published an invited commentary on practical aspects of obesity, insulin resistance and cancer progression and mortality in JADA, and presented her work at the International Congress of Nutrition in Thailand in October 2009. **She** will be serving as a steering committee member of the ASN's Nutritional Epidemiology RIS and co-chairing the Nutritional Epidemiology symposium. At NYU, **Niyati Parekh** will be moderating the Conversations in Global

Public Health on vitamin A deficiency for the Global Public Health program. **Beth Dixon** completed her year as chair of the Food and Nutrition Section of APHA, and is a co-investigator on grants from the RWJF and the NHLBI to evaluate calorie labeling in fast food restaurants. **Drs. Dixon, Nestle, and Parekh** are also investigators on a grant from the CDC to establish a Nutrition and Obesity Prevention Policy Research Network Collaborating Center at NYU. **Kristie Lancaster** is the Principal Investigator on a R01 grant from NHLBI to conduct an intervention study to reduce hypertension in the Black community. The goal of this study is to examine the effectiveness of diet and physical activity changes on blood pressure reduction in African American church members with hypertension.

From Tufts University... **Allen Taylor**, Director of the Laboratory for Nutrition and Vision Research, Professor of Nutrition, Biochemistry, and Ophthalmology Director was elected Vice President of the International Society for Eye Research, starting Jan 2010. The International Society for Eye Research (ISER) was founded in 1968 to establish an international organization to support eye and vision research. The organization is comprised of vision research scientists from more than 34 countries, holds a biennial International Congress of Eye Research, and has national chapters in China, Japan, Israel, and Russia. ISER's official journal is Experimental Eye Research.

From the Graduate Program in Nutrition at the Pennsylvania State University ... **Andrea Mastro** and Sandeep Prabhu, received a new grant from the American Institute for Cancer Research, AICR to study how selenium supplementation of the diet affects breast cancer metastasis. The project started Jan 1 2010 and is for two years. Connie J. Rogers joined the Nutritional Sciences department effective January 2010.

From the Office of Dietary Supplements (ODS)... is pleased to announce that the details of the 2009 Dietary Supplement Research Practicum are now available on the website, <http://odspracticum.od.nih.gov>. The application deadline is March 31, 2010. The ODS, along with NCCAM and NCI, is sponsoring a workshop, "Economic Analysis of Nutrition Interventions: Methods, Research and Policy", to examine the potential benefits of health economic analysis as applied to nutrition-focused health research and policy. The workshop will be held February 23-24 in Bethesda, MD. Please visit the ODS website (www.ods.nih.gov) for a link to the conference details, including registration.

From the Division of Nutritional Sciences at Cornell University... **T. Colin Campbell** has been giving a number of lectures on the general topic of "Nutritional Science Needs a Major Paradigm Shift,

Scientifically and Administratively". These included the lead lectures in 2 of the 3 new medical schools in the U.S., namely the University of Central Florida (Orlando) and Florida International University; the lead lecture at The World Presidents' Club in Houston; seminars at the Memorial Sloan-Kettering Cancer Center and the Albert Einstein College of Medicine; the Keynote Lecture at Loma Linda College of Medicine Centennial Celebration; and 3 lectures at the Holistic Holiday at Sea in the Caribbean. **Michael Latham** was appointed to another 3-year term as Co-Chair of the International Advisory Council of the World Alliance for Breastfeeding Action (WABA). WABA has its secretariat in Penang in Malaysia. **David Levitsky** received the 2009 Northeast Regional Excellence in College and University Teaching Award from the U.S. Department of Agriculture for "effective and innovative pedagogy evidenced by successive years of sustained, meritorious and exceptional teaching." He also was named by a Cornell Merrill Presidential Scholar, Ben Wallach, as a Cornell faculty member who most significantly contributed to their college experience. The Merrill Scholars constitute the top 1 per cent of their Cornell University graduating class. **Gretel Pelto**, from December 3-4 2009, attended a workshop organized by the InterAmerican Bank in the Dominican Republic on the topic of "Behavior Changes Through Conditional Cash Transfer Programs". **Dr. Pelto** gave a presentation on "Behavior Change: The Role of Front Line Workers in Nutrition Programs."

From Yale University... **Rafael Pérez-Escamilla** spoke about 'Food Security, Health and Human Rights' at the Human Rights Youth Leadership Forum organized by the Rwandan Human Rights Commission, in collaboration with UNESCO's Human Rights Chair, Kigali, Rwanda, January 4, 2010. During his visit to Rwanda **he** conducted a health services and nutrition infrastructural assessment involving visits to community development demonstration projects, and meetings with: community members, students and faculty from the National University of Rwanda, members of parliament, government ministers, NGO and international agencies representatives, as well as Rwanda's President Paul Kagame. **Dr. Perez-Escamilla** organized and will chair the minisymposium 'Food insecurity measurement and consequences' and will speak about 'Acculturation, nutrition, and health disparities among Latinos' at the 'Nutrition and Health Disparities' Symposium at the upcoming *Experimental Biology* Meetings in Anaheim. **He** has also been appointed to the advisory board of San Diego State University's Latin America Special Interest Obesity Project led by John Elder. **He** has also agreed to co-chair the health disparities and equity advisory committee of Connecticut's Sustinet health partnership. As such he will be responsible for providing key guidance with the implementation of the health care reform plan recently approved by the state's

legislature. **Susan Mayne** served as Chair of the 7th Gordon Research Conference on Carotenoids, held in January 2010 in Ventura, California. The conference included speakers from many different countries, and included several other ASN members as speakers. In November, **Dr. Mayne** was an invited speaker at the American Institute for Cancer Research (AICR) annual meeting, where **she** spoke on "Critical considerations in designing and interpreting intervention trials in nutrition and cancer." **Dr. Mayne** is stepping down as Program Leader of the Cancer Prevention and Control Research Program at the Yale Comprehensive Cancer Center, a position she has held for the past 17 years. **She** will continue in her role as Associate Director for Population Sciences of the Yale Comprehensive Cancer Center.

From the Center for Genetics, Nutrition and Health... announcement of the upcoming Inaugural Conference of the World Council on Genetics, Nutrition and Fitness for Health on "Healthy Agriculture, Healthy Nutrition and Healthy People" being held on October 5th – 8th, 2010 at Ancient Olympia, Greece. For more information regarding registration, etc please contact **Artemis P. Simopoulos** at **cgnh@bellatlantic.net**.

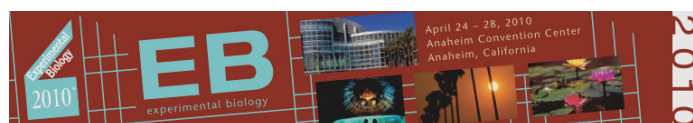
From University of Connecticut... **Maria Luz Fernandez** was invited to Argentina to present 3 conferences to the Dietetics Association: "Dietary Fatty Acid", "Importance of Dietary Polyphenols" and "Functional Foods" in Buenos Aires on November 11, 2009. **Dr Fernandez** visited the University of Menoufia in Shebin-El-Kom, Egypt on January 4-5, 2010 and presented her research to the School of Medicine on "HDL Metabolism and Egg as a Functional Food". The purpose of the trip was also to continue the collaboration between University of Connecticut and Menoufia University. **Dr. Fernandez** participated in a 2-day meeting at Metagenics, Inc at Gig Harbor, Washington on January 11-12. The purpose of the meeting was to discuss results of a clinical trial conducted in three sites: University of Connecticut, University of Florida and University of California in Irvine on the effects of a low glycemic Mediterranean style diet on the parameters of the Metabolic Syndrome. Results will be presented at *Experimental Biology* in Anaheim, California. **Hedley Freake** is enjoying his Fulbright Scholarship advising Hong Kong universities on the development of general education programs. He has also found time to accept invitations to give research talks on zinc, one at the annual meeting of the Korean Society for Food and Nutrition and a second at the Hong Kong University of Science and Technology. **Richard Bruno** was invited to the University of Delaware to provide a seminar entitled "Hepatoprotective activities of green tea extract on obesity-triggered NAFLD" on November 2, 2009.

From the University of Maine... Associate Professor Richard Cook is retiring after the spring,

2010 semester. Dick has served the Department of Food Science and Human Nutrition in a variety of capacities in his 36 years on the faculty. A new graduate course - FSN 508 Nutrition and Aging- will be offered on-line June 1-July 9 by graduate certificate coordinator **Mary Ellen Camire**.

From the Beltsville Human Nutrition Research Center... Joanne Holden, Research Leader, Nutrient Data Lab, spoke on assessing Vitamin D content of foods and supplements at the ILSI-India Indo-US Conference, The Latest Scientific Developments in Vitamin D and Health, held in Hyderabad, India in November 2009 and co-sponsored by the National Institute of Nutrition, India and the Office of Dietary Supplements at NIH. Craig Byrdwell, an analytical research chemist in the Food Composition and Methods Development Lab, presented a talk on principles of chromatographic measurements at Nutrient Biomarkers Analytical Methodology: Vitamin D, a workshop sponsored by the Office of Dietary Supplements (NIH) and in December 2009 in Rockville, MD. Also in December, **James Harnly**, Research Leader for the Food Composition and Methods Development Lab, addressed the U.S. Pharmacopoeia Expert Committee on Dietary Supplements for General Chapters in Rockville, MD on the topic of spectral fingerprinting for authentication of botanical materials. In January David Haytowitz, Nutrient Data Lab, met with scientists at the Nutrition Research Institute of the University of North Carolina in Kannapolis to discuss the USDA Food Composition and Nutrient Databases. He also conducted a workshop on USDA's food sampling program as well as sample preparation and processing. Also in January the U.S. Dry Bean Council met with several scientists at Beltsville, hosted by **Allison Yates**, Director: Dave Luthria, Food Composition and Methods Development Lab, and **James Harnly** briefed them on the determination of phenolic acids and flavonoids in dry beans and the use of spectral fingerprinting for identification of varieties and market classes of beans, while Joanne Holden discussed data needs for the National Nutrient Databank. **David Baer**, Research Leader, Food Components and Health Lab, presented an overview of the lab's human research program in the areas of fiber, phytonutrients, and energetics.

Information for Dateline East should be sent to **Robert T. Jackson**, Department of Nutrition and Food Science, College of Agriculture and Natural Resources, 3303 Marie Mount Hall, University of Maryland, College Park MD 20742, FAX: 301-314-9327; email: **bojack@umd.edu** **His deadline for the June 2010 issue is April 15, 2010.**



Dateline Latin America and the Caribbean ... with Homero Martinez

There was much of interest for the Latin American region at the 19th International Congress on Nutrition (ICN) in Bangkok, Thailand. A symposium on Latin America Highlights, included ASN Members **Odilia Bermudez**, **Chessa Lutter**, **Martha Kaufer-Horwitz**, **Daniel Lopez de Romana** and **Manuel Ruz**. **Jose Dutra de Oliveira** of Brazil and **Nevin Scrimshaw**, founding director of the Institute of Nutrition of Central America and Panama (INCAP), were among the inaugural group elected as IUNS Nutrition Legends. Finally, the IUNS Assembly approved Buenos Aires, Argentina as the venue for the 21st International Congress on Nutrition in 2017.

From Chile... The month of November saw an almost continuous flow of nutrition-related activities in and around Santiago de Chile involving ASN members. It began with the fifth Latin American Nutrition Leadership Program (LANLP). This is the regional branch of the NLPs, which brought 24 young scholars and professionals from every country in Latin America for five days of intensive leadership training. Eva Hertrampf, **Juan Rivera** and **Ricardo Uauy** form the permanent directorate for the LANLP.

The 15th Latin American Congress on Nutrition of the Latin American Society of Nutrition (SLAN) was held in Santiago the following week. It was presided over by SLAN President, Eduardo Atalah. **Manuel Ruz** was the Chair of the Scientific Committee. **Nevin Scrimshaw** delivered the inaugural keynote address. Other members of the ASN on the Congress program were: **Lindsay Allen**, **Benjamin Caballero**, **Daniel Lopez de Romana**, **Alan Jackson**, **Juan Paolo Liuzzi**, **Chessa Lutter**, **Ibrahim Elmadfa**, **Ascension Marcos**, **Reynaldo Martorell**, **Donald McNamara**, **Elvira de Mejia**, **Alanna Moshfegh**, **Suzanne Murphy**, **Manuel Ramirez-Zea**, **Juan Rivera**, **Noel Solomons**, **Aryeh Stein**, **Ricardo Uauy**, and **Nelly Zavaleta**, **Ritva Butrum** led the communication efforts for the American Institute for Cancer Research

In addition to many of the aforementioned ASN Members who formed part of the program of the SLAN Congress, additional members, **Linda Adair**, **Dennis Bier**, and **Christine Stewart** joined the throng in Santiago de Chile for the VI Congress of the Developmental Origins of Health and Disease (DOHaD), which followed on immediately after the Latin American Congress. Francisco Mardones was the local host, and the meeting was honored by the presence of President Michelle Bachelet of Chile, a pediatrician, at the inaugural speaker.

Manuel Ruz was part of another celebration in November that of the 40th anniversary of the founding of the Department of Nutrition within the Faculty of Medicine at the University of Chile, a department which he now chairs.

From Guatemala... Guatemala was the setting in August for the I Meso-American Congress of Nutritionists and the Scientific Program in celebration of 60th anniversary of the founding of the Institute of Nutrition of Central America and Panama (INCAP). **Noel Solomons**, **Odilia Bermudez** and **Nimbe Torres** were among the ASN members on the Congress program. All of the five directors of INCAP, including the founder, **Nevin Scrimshaw** were present together in a special session of the INCAP anniversary. Also participating in the INCAP scientific program were **Benjamin Caballero**, **Reynaldo Martorell**, **Homero Martinez**, **Manuel Ramirez-Zea**, **Eduardo Villamor** and **Juan Rivera**.

Noel Solomons of CeSSIAM spoke on Bioethics and Innovation in Pediatric Research at the Nestle Nutrition Institute Workshop on the Drivers of Innovation in Pediatric Nutrition Research. Also speaking on various aspects of innovation on the Program were **Mario Ferruzzi**, **Frank Green**, **Ferdinand Haschke** and **Bo Lonnerdal**, while the Key Note summary was delivered by **Dennis Bier**. **Noel** was also present at the 19th International Congress on Nutrition along with CeSSIAM's two post-doctoral fellows, **Monica Orozco** and **Marieke Vossenaar**. All CeSSIAM professionals participated in the pre-Congress satellites on Capacity Building and on Training in the Nutrition Leadership Program. **Marieke** had a distinguished poster presentation and a distinguished oral presentation.

Several professionals from CeSSIAM were part of the academic events in Chile. Maria Jose Soto was selected for the Latin American Nutrition Leadership program outside of Santiago. She along with Raquel Campos and Shenly Romero presented posters and attended a forum sponsored by the International Choices Foundation. **Noel Solomons** of CeSSIAM served as a facilitator in the LANLP, as a plenary speaker in the SLAN Congress and a session moderator at the DOHaD meeting. CeSSIAM will mark its Silver Jubilee 25th Anniversary on July 1 of this year. As part of the celebration series, Marilyn Scott of the Institute of Parasitology and School of Environment of McGill University, a collaborative colleague in Central American studies with **Kristine Koski**, gave a seminar on nutrition-parasite paradoxes at CeSSIAM in February.

As part of a global initiative to counter the growing epidemics of nutrition-related chronic

diseases in developing countries, INCAP has received a grant from NHLBI and United Health Group (UHG) to establish a Center of Excellence that will focus on capacity-building for the Mesoamerican Region and the Dominican Republic. The project leader is **Manuel Ramirez-Zea**; other participating members include **Benjamin Caballero, Homero Martinez, Walter Willett,** and **Eduardo Villamor**. More information about the Center and its activities may be found at: www.ciipec-incap.org

From Mexico... Attending the 19th International Congress of Nutrition in Bangkok were **Martha Kaufer-Horwitz, Roxana Valdes-Ramos,** and **Juan Rivera**. **Martha** gave an update on the MesoAmerican region in the Latin American Highlights Symposium. **Roxana** presented on the topic of diet, exercise and mucosal immunity in the Symposium on Nutrition, Infection, Immunity and Inflammation. **Juan** was the speaker in the closing plenary, addressing the subject of nutrition as a sound investment for human capital.

From Venezuela... José María Bengoa Lecanda, a leader in nutrition research in Latin America, passed away on January 16, 2010, at the age of 97 years. A physician born in Spain, where he graduated from medical school and worked during his first years of professional life, moved to Venezuela since 1938. He worked extensively in the rural and semi-urban areas of his adopted country, focusing on environmental hygiene and child malnutrition. He was instrumental in developing the nutrition section at the Ministry of Health and Social Assistance, and was the founder of the School of Nutrition and Dietetics at the National Institute of Nutrition (1945). Dr. Bengoa was also head of the Planning Department of the Venezuelan Council for Scientific Research, and was professor of Food and Nutrition Planning at the Central University of Venezuela, as well as visiting professor at Massachusetts Institute of Technology (MIT). He was also the founder of the journal *Archivos Venezolanos de Nutrición*. Between 1963 and 1974 he was the leader of the Nutrition unit at the World Health Organization. The career of Dr. Bengoa in international Nutrition is highlighted in the publication "Nutrition in Preventive Medicine" (WHO 1975).

Information for Dateline Latin America and the Caribbean should be sent to: **Homero Martinez, RAND, 1776 Main Street, Santa Monica, CA 90407; Work Phone: 310-393-0411 x 6382; Fax: 310-393-4818; Email: homero@rand.org**



Dateline Rocky Mountains and Great Plains...with Nancy Turner

ATTN: All contributors to the Rocky Mountains and Great Plains Datelines: *If you have an email address which has changed over the last few months, will you let either Nancy Turner or me, (ameyers@nutrition.org) know so that we can continue to publish news from your 'world'. Thanks.*

From Kansas State University... The Department of Human Nutrition welcomes **April Mason** who joined Kansas State University as the Provost and Executive Vice President in January. **Dr. Mason's** academic home is the Department of Human Nutrition as a Full Professor. Previously she was Dean of the College of Applied Sciences at Colorado State University; and prior to that position she was Program Leader for Family and Consumer Science Extension at Purdue University.

From Oklahoma State University... **Stephen Clarke** received the OSU 2009 Award for Excellence in Advisement and Brenda Smith received the 2009 Regents Distinguished Research Award. **Drs. Brenda Smith, Stephen Clarke,** and **Arpita Basu** were selected as Outstanding Faculty Members by the College of Human Environmental Sciences (CHES) Student Council. Elizabeth Rendina, NSCI Ph.D. student (mentored by **Brenda Smith**), won first place in the poster competition at the OSU Biochemistry and Molecular Biology Graduate Student Research Symposium for her presentation entitled "Dietary Supplementation with Dried Plum Prevents Ovariectomy-Induced Bone Loss and Modulates the Immune Response in C57BL/6 Mice". **Solo Kuvibidila** presented results of her on-going research of the health benefits of mushrooms at the 5th Annual International Medicinal Mushroom Research convention in Nantong, China, September 5-8, 2009. **Dr Kuvibidila's** presentation was on "The Effects of Extracts of White Button, Portabella, Shiitake, and Maitake on Intracellular Concentrations of Defensins in HL60 Cells". **Drs. Barbara Stoecker, Edralin Lucas, and Brenda Smith** and two of **Brenda Smith's** doctoral students (Misti Leyva and Elizabeth Rendina) recently had four presentations at the American Society of Bone and Mineral Research meeting held September 11-15, 2009, in Denver, CO. **Afewerwork Bezabih** and **Alemtsehay Wotango**, two of **Dr. Stoecker's** doctoral students had papers accepted for the 19th International Congress of Nutrition in Bangkok, Thailand, in October 2009. **Dr. Stoecker** chaired a session on "Micronutrient Metabolism" at the meeting. **Arpita Basu** will be chairing the Minisymposium on "Diet, Exercise, & Cancer Risk" at *Experimental Biology, 2010*, Anaheim, CA. Oklahoma State University has formed a partnership with five African universities

to strengthen higher education in sub-Saharan Africa and help develop the region's economy. **Barbara Stoecker** was part of the OSU ad hoc committee which developed the grant proposal. OSU will work with the African universities to increase their capacity to deliver degrees, basic and applied research, advanced faculty credentials, and outreach.

From Prairie View A&M University... **Sharon McWhinney** was an invited speaker at the 19th International Congress on Nutrition (ICN 2009) held in Bangkok Thailand, in October 2009. She was one of four panel members speaking in the Symposium on "Challenge to Nutrition Security among Diverse and Vulnerable Populations in the US and Canada".

From South Dakota State University... **Bonny Specker** was an invited speaker at the Indo-US International Life Sciences Institute (ILSI) Conference on Recent Scientific Developments in Vitamin D and Health in Hyderabad, India in November. She spoke on "Issues of Vitamin D in At-Risk Populations: Skin Pigmentation and Body Composition" and "Vitamin D during Pregnancy and Lactation". **Moul Dey** joined the faculty of the Nutrition, Food Science and Hospitality department. **Dr. Dey** was previously an Assistant Research Professor at Rutgers.

From Texas A&M University... **Joanne Lupton** presented "Fiber/Fat Effects on Colonic Microflora and Physiological Consequences for Colon Epithelial Cells" at the NCI Workshop on Changing Concepts in Cancer Etiology: The Role of the Human Microbiome on November 9. **She** was also inducted into the Texas Academy of Medicine, Engineering and Science in January. The Intercollegiate Faculty of Nutrition hosted the following speakers during the Fall semester: **Young Ju** from Virginia Tech; Edwin Frankel from the University of California at Davis; Timothy Koves from Duke University; Steven Rust from Michigan State University; **Harold Sandstead** from the University of Texas Medical Branch in Galveston; **Marla Reicks** from the University of Minnesota at St. Paul; **Ron Kensinger** from Oklahoma State University; **Denise Houston** from Wake Forest School of Medicine; Jay Horton from UT Southwestern; and **Joanne Lupton** from Texas A&M University.

News from the University of Nebraska-Lincoln... A new initiative at UNL, the Nebraska Gateway (NGN), has launched its website. Look at nutrigenomics.unl.edu to learn more about the NGN. **Judy Driskell** retired after 20 years of service at UNL. **She** will be dearly missed and we wish her all the best in her new surroundings near Houston, TX. **Janos Zemleni** gave an invited

presentation at Iowa State University in October of 2009.

Information for Datelines Rocky Mountains and Great Plains should be sent to **Nancy Turner**, Texas A&M University, Nutrition & Food Science Department, 2253 TAMU, Rm. 212 Kleberg Bldg, College Station, TX 77843-2253, email: n-turner@tamu.edu

Dateline Europe...with Ko Van Wouwe

The late German nutritionist, agronomist and nutrition policy profession, **Rainer Gross**, will be honored in Porto, Portugal, in September with the awarding of the first, biennial "Rainer Gross Prize: Recent Innovations in Nutrition and Health in Developing Societies," to be presented, along with a lecture by the winner, on the final day of the II World Congress of Public Health Nutrition. <http://www.nutrition2101.skyros-congressos.com>. A competitive award, members of the ASN or their students and trainees working overseas might be eligible as applicants for the Gross Prize. Information is available on-line at: <http://hgrunowfoundation.org/rainer-gross-award> [see this issue of *Nutrition Notes*, Awards, Grants Fellowships for complete information]

Information for Dateline Europe should be sent to: **Jacobus Van Wouwe**, TNO Preventie en Gezondheid, PO Box 2215, 2301 CE Leiden, The Netherlands, TEL: +31-71-518-1758; FAX: 31-71-518-1920; email: ko.vanwouwe@tno.nl and/or to **Brigitte M Winklhofer-Roob**, Karl Franzens University, Institute Molecular Biology, Biochemistry & Microbiology, Schubertstrasse 1, A-8010 Graz, AUSTRIA, TEL: +43-316-380-5490; FAX: +43-316-380-9857; email: Brigitte.winklhoferroob@uni-graz.at

Dateline Canada ... with Gordon Zello

From the Canadian Nutrition Society... Canadian Nutrition Society/la Société Canadienne de Nutrition (CNS/SCN) is the leading society integrating disciplines and professions interested in nutrition. The CNS/SCN promotes nutrition science and education, and advocates for the application of best practice and policies for the promotion of health and the prevention and treatment of disease. The Society has identified key goals and objectives in four areas: Outreach to nutrition professionals and scientists; outreach to the nutrition industry; outreach to government/the public; and outreach to trainees. The CNS/SCN was formed by a merger of the Canadian Society for Clinical Nutrition and the Canadian Society for Nutritional Sciences. The new Society became operational on January 1, 2010. For more information on the CNS/SCN visit <http://www.cns-scn.ca>.

From Health Canada, Ottawa... **Amanda MacFarlane**, a research scientist with the Nutrition Research Division of the Food Directorate, has been appointed as an adjunct professor in the Department of Biochemistry, Microbiology and Immunology at the University of Ottawa.

From the University of Waterloo... **Ken Stark**, Department of Kinesiology, received an Ontario Ministry of Research and Innovation Early Researcher Award. **He** also received a young scientist award from the American Oil Chemists' Society (AOCS). **Rhona Hanning** presented at the International Congress of nutrition in Bangkok in October and Health Canada's Aboriginal Dietitians and Nutritionists Network Meeting in December

From the University of Alberta... **Linda McCargar** was appointed Director of the Alberta Institute for Human Nutrition for a three-year term starting July of 2009. In October, **she** was an invited speaker at the Danone Institute of China 12th Annual Symposium in Kunming, China. Spencer Proctor received New Investigator Award from Heart and Stroke Foundation of Canada (2009-2014). **Rhonda Bell** contributed to development of new guidelines for weight gain in pregnancy (released in November 2009 by Health Canada). Vickie Baracos and Bill Colmers of the University of Alberta and **Daniel Marks** of Oregon Health Sciences University have initiated a new 5-year program of research entitled "Central nervous system controls of cancer anorexia-cachexia syndrome".

From the McMaster University... Recognized as an international leader in researching neuromuscular and neurometabolic disorders as well as nutritional

requirements of athletes, **Mark Tarnopolsky** has become the first holder of the McMaster Children's Hospital/Hamilton Health Sciences Foundation Chair in Neuromuscular Disorders. **Dr. Tarnopolsky** is a professor of pediatrics and medicine of McMaster University's Michael G. DeGroote School of Medicine and director of the Neuromuscular and Neurometabolic Centre at the McMaster Children's Hospital. Christoph Fusch has been appointed the Hamilton Health Sciences Foundation/Jack Sinclair Chair in Neonatology. Formerly the professor and chair of neonatology at the Ernst-Moritz-Arndt University Greifswald (Germany), Dr. Fusch's has a well established track record in neonatal clinical research focused on evidence-based strategies to improve the short and long-term outcomes of premature infants and high-risk term neonates. **Stephanie Atkinson** was appointed in late 2009 by CIHR to the Institute Advisory Board of the Institute of Nutrition, Metabolism and Diabetes. **Dr. Atkinson** has been an invited participant in recent meetings as co-chair of the planning workshop on, "Framework Dietary Reference Intake Development – Chronic disease indicators", sponsored by the IOM and Public Health Agency of Canada and as workshop leader of the CIHR-Institute of Musculoskeletal Health and Arthritis Consensus Conference on Bone Health Research.

Information for Dateline Canada should be sent to **Gordon A Zello**, College of Pharmacy and Nutrition, University of Saskatchewan, 110 Science Place, Saskatoon, SK S7N 5C9 CANADA, TEL: 306-966-5825; FAX: 306-966-6377; email **Zello@sask.usask.ca**

IUNS UPDATE FROM THE US ADHERING BODY – ASN

The Nutrition Community and particularly the International Community mourns the loss of José María Bengoa Lecanda who died on January 16, 2010.

The Bengoa Foundation was created to honor his professional career; his spirit for helping the neediest; and his work in social nutrition. Until his later days, he continued collaborating with passion in the fight against hunger, working with the Bengoa Foundation and writing books such as "Hunger when there is bread for everyone" ("Hambre cuando hay Pan para Todos" (2000) and After the Hunger Path ("Tras la Ruta del Hambre" (2006). Dr Bengoa received numerous awards including the "Heroe of Public Health" from the Pan American Health organization, Medal Andre Bello in Venezuela, and Doctor Honoris Causa from Universidad de Alicante, and the Sabino Arada award in the Basque country.

Preparations are underway for the International Congress of Public Health Nutrition, September 2010 in Portugal. Several ASN members are involved, and the IUNS council will meet informally there.

We will be joined at *EB2010* this year by several groups with which we developed relationships during our visit to the International Congress in Bangkok. The Korean Nutrition Society will host a networking event and will also make awards to some of its members.

Professor Khoi from Vietnam will join us on Sunday, April 25, beginning at 12:45PM in the Anaheim Hilton, Pacific Ballroom D. Once we have finalized all arrangements we will share the title of his presentation through our list serves. [Some of you may recall that this is the appointed time for the EV McCollum International Lectureship. A decision has been made to present the first of Dr Prentice's lectures at another venue in 2010 and then he will deliver his second lecture here in DC at *EB2011*].

**NUTRITION (ASN) HIGHLIGHTS EB 2010
RESEARCH INTEREST SECTION (RIS) MEETINGS**

***RIS CHAIRS LUNCHEON MEETING**

Sat., 12:00PM – Anaheim Hilton, Santa Monica

RIS BUSINESS MEETINGS (B); RECEPTIONS (R);
POSTER COMPETITIONS (P); LECTURES (L)
[in chronological order]

***VARIG/CARIG (R), (P)**

Fri., 6:30PM - Anaheim Hilton, California Ballroom B

***Energy and Macronutrient Metabolism (B)**

**“Hot Topics Seminar” – Lecturer: Mary Ellen
Harper, University of Ottawa**

Sat., 5:00 – Anaheim Marriott, Platinum 1 & 2

***Nutritional Immunology (B), (R)**

Sat., Anaheim Convention Center, 206AB

***Experimental Animal Nutrition (B), (P), (R)**

Sat., 5:00PM – Anaheim Hilton, California Ballroom B

***Community and Public Health Nutrition (B), (P)**

Sat., 5:00PM – Anaheim Hilton, San Simeon A/B

***Dietary Bioactive Components (B), (P), (R)**

Sat., 5:00 – Anaheim Hilton, Laguna A/B

***Obesity (B)**

Sat., 6:00PM – Anaheim Hilton, Oceanside

***Vitamins and Minerals (B)**

Sat., 6:00PM – Anaheim Marriott, Platinum 6

***Nutrient-Gene Interactions (B)**

Sat., 6:30PM – Anaheim Marriott, Platinum 6

***Vitamins and Minerals and Nutrient Gene
Interactions (P), (R)**

7:00PM – Anaheim Marriott, Platinum 6

***Energy and Macronutrient Metabolism (R)**

Sat., 6:30PM – Anaheim Marriott, Platinum 9/10

***Diet and Cancer (B), (P), (R)**

Sun., 12:30PM– Anaheim Hilton, California Ballroom C

***Aging and Chronic Disease (B), (R)**

Sun., 12:30PM – Anaheim Hilton, Laguna A/B

***Nutrition Translation: From Bench to Consumer (B)**

Sun., 1:30PM – Anaheim Convention Center, 207C

***ISRHML/Lactation (B), (R)**

Mon., 12:30PM – Anaheim Hilton, Huntington A/B/C

***Nutritional Epidemiology (B), (P), (R)**

Mon., 2:00PM – Anaheim Hilton, El Capitan A/B

***Nutrition Education (B) (R)**

Mon., 5:00PM – Anaheim Hilton, Pacific Ballroom B

***Mathematical Modeling (B)**

Tues., 1:30PM – Anaheim Hilton, Capistrano A/B

SPECIAL SESSIONS (SS); [in chronological order]

*Industry Forum Fri., 5:30PM – Anaheim Convention
Center 207A **(Immediately followed by an
invitation only reception and dinner offsite)**

*Medical Nutrition Council Business Meeting and Lunch
Sat., 12:00PM – Anaheim Hilton, Palisades

*First-time Attendee and New Member Orientation
Sat., 2:00PM – Anaheim Convention Center, 207A

*Reception for the Membership and University Mixer
Sat., 8:00PM – Anaheim Hilton – Lanai Terrace

*Nutritional Sciences Council Business Meeting
Sun., 7:00AM – Anaheim Hilton, Palisades

***Graduate Student Breakfast**

Sun., 7:00AM – Anaheim Hilton, Huntington A/B/C
**(supported by an unrestricted educational grant
from the National Dairy Council)**

***Awards Ceremony**

Sun., 5:30PM – Anaheim Hilton, Pacific Ballroom C
**(Immediately followed by an invitation only
award winners’ reception at the Bowers Museum
– buses will pick guests up outside of the
Anaheim Hilton beginning at 7:00PM)**

***Department Heads Breakfast**

Mon., 7:00AM – Anaheim Marriott, Grand Ballroom
Salon J/K **(supported by an unrestricted
educational grant from Kellogg Company)**

*Student Interest Group (SIG) ‘Meet the Fellows’ (SS)
Mon., 10:30AM – Anaheim Hilton, San Simeon /B

***Fellows Luncheon**

Mon., 11:30AM – Anaheim Hilton, Laguna A/B

***Society Business Meeting**

Mon., 5:30PM – Anaheim Hilton, Pacific Ballroom A

*International Nutrition Council Business Meeting,
Poster Competition and the Kellogg International Prize
Lecture Mon., 6:30PM – Anaheim Hilton, California
Ballroom A

**(Kellogg International Prize Lecturer: Rebecca
Stoltzfus from Cornell University) [Supported
by an unrestricted educational grant from the
Kellogg Company]**

The ASN Journals’ Reception (Invitation only)

Mon., April 26, 2010 – 7:00PM-9:30PM, CATAL,
1580 Disneyland Dr, Downtown Disney, Anaheim, CA
92803 Tel: 714 774 4442

***International Nutrition Council Reception**

Mon., 8:00PM – Anaheim Hilton, Huntington A/B/C

Past Presidents and Supporting Members Reception

Mon., 8:00PM – Off Site **[by invitation only]** [A
group will leave the Hilton lobby at 7:45PM and walk
to the site] **(Sponsored by the ASN Development
Committee)**



Young Professionals & Postdocs



American Society for Nutrition
Excellence in Nutrition Research and Practice
www.nutrition.org

The American Society for Nutrition (ASN) is a dynamic home for postdoctorates, medical residents, junior faculty, and other young professionals or fellows who have completed a nutrition or related degree within the past three years. ASN has nearly 4,000 members, and provides a variety of programs for its young investigator and clinician members—who, together with students, account for more than 25 percent of total membership. Are you looking to advance your career while continuing to build on your education and increase your publication credentials? You belong in ASN!

MEMBERSHIP BENEFITS FOR YOUNG PROFESSIONALS

- 12 months of membership for only \$50
- Awards and travel grants like the opportunities listed at right
- Apply for positions listed on the ASN job board
- Stay informed with public policy news
- Career resources through ASN's alliance with the Federation of American Societies for Experimental Biology (FASEB)
- Joint efforts with the National Postdoctoral Association and other organizations
- Free online content for our two top-rated nutrition and dietetic journals
- Network with your peers and leaders in the field of nutrition
- Multimedia resources including podcasts and streaming video
- Blog for ASN at www.nutrition.org

ADVANTAGES AT-A-GLANCE

• Research Interest Sections & Scientific Councils

With sixteen-plus Research Interest Sections and three Scientific Councils, ASN promotes knowledge exchange and the advancement and application of nutrition science. Young professionals especially benefit from involvement in these opportunities by engaging with established professionals about career advancement, emerging research and more. Experimental Biology (EB), home to the ASN Scientific Sessions and Annual Meeting, is a truly interdisciplinary meeting—a place to collaborate with over 13,000 professionals in the life sciences. An annual **Young Professional & Postdoc Networking Brunch** is held at EB.



• ASN Awards for Emerging Leaders

- Peter J. Reeds Memorial Young Investigator Award (\$1,500; macronutrient metabolism)
- Vernon R. Young International Award for Amino Acid Research (\$2,500; recognizes research in amino acid metabolism)
- The Mary Swartz Rose Young Investigator Award (\$2,500; bioactive compounds for human health)
- Norman Kretchmer Memorial Award (research with potential relevance to children's health)
- Postdoctoral Professional Development and Enrichment Award (\$3,000 for unrestricted career development and \$2,500 for travel; early stage life scientists from underrepresented minority groups)

• Young Professional Membership—\$50

ASN understands the vital role association membership can play for emerging scientists, investigators and health practitioners, and offers a reduced membership rate of only \$50 for young professional members. This "bridge" membership rate (available for a maximum of three years) also includes complete access to our two high-impact journals, *The American Journal of Clinical Nutrition* and *The Journal of Nutrition*.



"Keeping my ASN membership during my postdoc has been crucial to me for networking. I value the *Nutrition Notes* and EB University Mixer for keeping in touch with my graduate department, and being involved with the RIS groups and ASN committees has given me the opportunity to make new contacts in this critical time of my career."
—Robin Minor, PhD, National Institute on Aging

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PRESIDENTIAL SYMPOSIUM OF THE AMERICAN SOCIETY FOR NUTRITION at EXPERIMENTAL BIOLOGY 2010

SYMPOSIUM ANNOUNCEMENT

« TRANSCRIPTIONAL CONTROLS OF ENERGY SENSING »

under the chairmanship of **Johan Auwerx, MD, PhD**, winner of the **2009 Danone International Prize for Nutrition**

→ April 25th, 2010, from 8 a.m. to 10 a.m.
Anaheim Convention Center, Anaheim, California

CO-CHAIRS:

- **Robert M. Russell, MD**
*Tufts University, Friedman School of Nutrition
Science and Policy, Boston, USA*
- **Johan Auwerx, MD, PhD**
*Ecole Polytechnique Fédérale
de Lausanne, Switzerland*

Introduction by Robert M. Russell, MD

PROGRAM:

- **Transcription factors: metabolic sensors for nutrients and the environment**
Johan Auwerx, MD, PhD, école Polytechnique Fédérale de Lausanne, Switzerland
- **Energy sensing by the AMP-activated protein kinase**
David Grahame Hardie, PhD, College of Life Sciences, University of Dundee, United Kingdom
- **Nutrient sensing in skeletal muscle: Implications for Type 2 Diabetes**
Juleen R Zierath, PhD, Karolinska Institutet, Stockholm, Sweden
- **Actions of FGF21, a novel metabolic factor regulated by nutritional status**
Eleftheria Maratos-Flier, PhD, Beth Israel Deaconess Medical Center, Harvard Medical School, Boston, USA



More information at: www.danoneinstitute.org