



American Society for Nutrition

Excellence in Nutrition Research and Practice

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Nutrition Notes

June 2015

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Committee News

History of Nutrition Committee

The History of Nutrition Committee was busy the past few months. In addition to the symposium held at Experimental Biology and the committee's in-person meeting, we also had an informative interview with librarian Chris Ryland, Associate Director of Special Collections at the Annette & Irwin Eskin Biomedical Library.

This year's symposium was titled *History of Nutrition: The Long Road Leading to the Dietary Reference Intakes*. Dr. Allison Yates, former Director of the Beltsville Human Nutrition Research Center, opened the symposium with the genesis of

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President's Column

Greetings from the President:
Patrick J. Stover, PhD
Cornell University



These are exciting times for the nutritional sciences! We live in a time where impact, relevance and precision in research and practice are expected, and what field is better positioned to meet these expectations than nutrition? As research scientists and practitioners, we address many of the most pressing public health challenges both domestically and globally, and generate the scientific evidence and discoveries that improve lives for both individuals and populations. Nutrition has never been more interdisciplinary, as it continues to expand rapidly in the clinical sciences, basic life sciences, agricultural sciences and social behavioral sciences, and is rapidly emerging in new disciplines including engineering, computational science and systems science.

The expansion of nutritional sciences is not only seen in research, but also in the popularity of our graduate and undergraduate majors and our course offerings. As members of the American Society for Nutrition, we have the opportunity to meet the challenges of this dynamic landscape by *increasing engagement and connections among our members, and attracting new those new to solving nutrition problems into our community*. This timing is right, as the current ASN strategic plan expires in 2016. Over the coming year, I look forward to working with all of you as individual members and as members of ASN committees including the Membership Committee, Student Interest Group, Global Advisory Ad Hoc Committee, Public Policy Committee, Scientific Councils and Strategic

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Nutrition Notes

June 2015



Constituent Society of the
Federation of American Societies
for Experimental Biology

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History of Nutrition Committee

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the DRIs and how it improved on the RDAs. Dr. Stephanie Atkinson from McMaster University expanded on Dr. Yates introduction and discussed the controversies in setting the DRIs. Dr. Susan Barr reviewed how the DRIs impacted both dietary assessment and dietary planning. Dr. Johanna Dwyer proceeded to discuss how DRIs affect nutrition policies, and Dr. Suzanne Murphy commented on the future development of DRIs.

As mentioned above, the Eskind Biomedical Library at Vanderbilt University houses many of ASN's important historical documents. Chris Ryland celebrates his twelfth year at Vanderbilt as Associate Director of Special Collections. "We have artifacts, papers, photos, and rare books that date as far back as 1497. Of note is our fantastic nutrition rare book collection compiled by Dr. William

Darby, American Institute of Nutrition President and AIN Fellow." The collection at Vanderbilt offers a wonderful repository for ASN members and all historians. ASN members interested in seeing historical documents from the library can view the inventory online or make a visit.

The History of Nutrition Committee is always looking for notable scientists and ASN members to profile, so if you have any suggestions, please pass your suggestions along! A symposium on the history of the dietary guidelines is forthcoming, hopefully in 2016. Thank you to chair Frosty Nielsen for his leadership. We look forward to seeing you in San Diego.

*Submitted by R. Alex Coots
Student Representative*

ASN Archives

*To preserve historical information about ASN and
our role in the development of nutrition science*

The Archives of the American Society for Nutrition (ASN) are housed at the Annette and Irwin Eskind Biomedical Library at the Vanderbilt University School of Medicine in Nashville, Tennessee. Learn more at www.nutrition.org/about-asn.

Support ASN's History of Nutrition Committee and Historical Efforts at www.nutrition.org/contribute



*Photos courtesy of Eskind
Biomedical Library
Special Collections*

Minority and Diversity Affairs Committee (MDAC)

Once again, the ASN Scientific Sessions and Annual Meeting was an exciting and eventful time for the Minority and Diversity Affairs Committee (MDAC). The Committee hosted the third annual Young Minority Investigator Oral Competition in Boston. The oral competition featured presentations from finalists: Michelle Cardel, University of Colorado, Anschutz Medical Campus, “Self-Concept and Obesity Risk in Low Income Diverse Preschoolers; Alex Brito, University of California, Davis, “Effect of vitamin B12 supplementation on B12 status and neurophysiological function in older Chileans analyzed by the combined indicator of B12 status;” Shakira M. Nelson, National Cancer Institute, NIH, “Coffee Consumption and Risk of Prostate Cancer;” Marie K. Fialkowski, University of Hawaii at Manoa, “The Pacific Retail Food Store Environment: Findings from the Children’s Healthy Living Program;” Fred Tabung, Harvard T.H. Chan School of Public Health, “Association between Dietary Inflammatory Potential and Breast Cancer Incidence and Mortality: Results from the Women’s Health Initiative.”

Congratulations to Michelle Cardel, PhD, RD, who was selected as the 2015 recipient of the ASN Grand Prize for Young Minority Investigators, supported by DSM Nutritional Products, LLC.

We also hosted the popular ASN MARC Travel Awardees Poster Session & Networking Breakfast during the Annual Meeting. ASN offered travel support to more than 15 young investigators through a partnership with the FASEB Maximizing Access to Research Careers (MARC) program.

The Committee organized the 2nd Minority and Diversity Affairs Forum in collaboration with the Student Interest Group. This hour-long session titled “Career enhancement for students, postdocs, young professionals and early-stage scientists,” was well attended. It featured talks from Domingo Pinero, PhD, New York University, Rachel Cheatham, PhD, Foodscape Group, LLC, and Regan Bailey PhD, RD, National Institutes of Health. Committee members wrote and distributed handouts on “Tips for preparing a seminar, Tips for preparing manuscripts, and Tips for NIH grants.” These “tips” will be posted on the MDAC listserv and the committee website.

For more information on MDAC please visit www.nutrition.org/our-members/minority-affairs/

Join the Minority and Diversity Affairs Listserv! You can subscribe by emailing mem@nutrition.org or by logging into your member account at www.nutrition.org.

Submitted by Dr. Charlotte Pratt, MDAC Chair (prattc@nhlbi.nih.gov) and Katrina Dunn, MDAC Staff Liaison (KLD@nutrition.org)

Public Information Committee

ASN’s Public Information Committee (PIC) sponsored a session titled, *‘Being “Social” How Scientists can Find their Way in a 24-Hour Digital World’* at ASN’s Scientific Sessions & Annual Meeting this March in Boston, MA. The session was co-chaired by ASN PIC Chair Dr. Mary Ann Johnson and myself. The purpose of the session was to address the fact that nutrition scientists must realize we are living in a “24-hour digital world” where people demand immediate access to science news. The symposium featured five speakers with varied perspectives. After short, yet engaging, presentations by each speaker, there was a lively panel discussion and Q&A.

The session began with introductory remarks from the 2015 ASN Nutrition Science Media Award winner, Nancy Clark, MS, RD, a self-employed nutritionist and team nutritionist for the Boston Red Sox. Nancy shared that social media is a key aspect of her professional life and that she uses it to build awareness of her business and make her work known. She noted that she does not have time to engage in all types of social media, a reoccurring theme of the session, and highlighted the importance of being strategic when using social media.

The next speaker was Lisa Gualtieri, Assistant Professor in the Department of Public Health and Community Medicine at Tufts University and Director of their Certificate Program in Digital Health Communication. She spoke about how to prepare and execute a social media strategy in five minutes a day. The first step, she said, is to approach social media as your professional voice, noting that, “a photo of an adorable kitten does not enhance your reputation as a scientist.” She talked about being selective as time is limited, and how social media can enhance your research if done properly, citing examples such as: helping gather invitations to speak, helping network, and even discovering funding opportunities (she once got foundation funding through a tweet!). In her view, key tasks to ensure a valuable social media experience are to: develop goals, identify a target audience, identify competitors and copy what works (avoid what doesn’t), and evaluate results, iterating to improve efficiency and performance.

Michael McBurney, Vice President for Science, Communications, and Advocacy at DSM Nutritional Products and creator of the “Talking Nutrition” blog, spoke about use of social media by industry scientists. Admitting that his dual role as scientist and blogger is an unusual one, he shared some insightful vignettes about how scientific information may be confusing to the public and shared his passion for effectively communicating science. He remarked that we [scientists] have a responsibility to be honest and respond when science is misconstrued in mainstream media and that it is important to have a voice in social media outlets.

Greg Miller, Chief Science Officer and Executive Vice President for Research, Regulatory and Scientific Affairs for the National Dairy Council, informed the audience that most people are getting scientific information from social

media. He used the debate over GMOs as an example, citing that most scientists believe that they're safe while *most* consumers do not. He indicated, "Of the 100 most influential people in health and wellness, only a small fraction are nutrition experts." In answering the question, "When should scientists use social media?" his answers were "when you want to challenge or clarify a point of view" and "when you want to become a resource." He left us with the poignant questions: "*If not us [scientists] then who?*" and "*If not now, then when?*"

Finally, Marion Nestle, Professor of Food Studies and Public Health at NYU, best-selling author, and nutrition policy advisor in the Department of Health and Human Services, spoke about her experiences with social media remarking, "*I was dragged into this kicking and screaming!*" What a unique and important perspective Dr. Nestle shared with the audience. Although she was likely the panelist with the most followers on social media, her

remarks were more cautionary than the others warning especially the pre-tenure session attendees that "It takes an enormous amount of time," has an "uncertain impact," and it is "important to evaluate the [potential] benefits." She concluded that pre-tenure faculty may choose to do it if they decide it has benefits but cautioned, "It should not take time away from writing papers and grants."

Scientists should consider this extensive variety of perspectives and take action on what best fits their career stage and comfort level. Being social in the digital world is becoming an important skill that we need to face through education and analysis.

Submitted by Vicki Vieira-Potter, Symposium Co-chair

Student Interest Group

We hope you were able to attend ASN's annual meeting in Boston this year; I also hope you had as much fun as I did, despite the snow! As Chair, I was pleased with the student turnout at SIG-sponsored events, symposia and activities. We enjoyed interacting with you in person and will take your feedback and recommendations to heart. If you weren't able to speak to a SIG leader, I highly encourage you to provide feedback to me (kcoakle@emory.edu) or incoming Chair, Lindsey Smith-Taillie (lindseysmith@gmail.com) about any of the events you attended. Remember, the SIG wants to develop events and sessions that are relevant to **you** and that will enhance your student and/or professional career, so your feedback is what helps us improve.

Congratulations to the winners of the SIG travel awards: Benedicte Tremblay, University Laval; Vivian Choo, University of Toronto; and Elizabeth Killion, Tufts University. Each of these SIG members had top-notch three minute thesis (3MT) presentations, a new addition to the Graduate Student Breakfast. It was difficult for our volunteer judges to narrow it down from the competitive field of six finalists. To join the fun, be sure to submit an abstract for EB 2016 to be held in San Diego to be eligible for a SIG travel award next year! Or simply RSVP to the breakfast, open to all SIG members.

Other SIG events included the SIG Meet the Fellows, SIG/ Minority and Diversity Affairs (MDAC) Alternative Careers Symposium, and the SIG/ Young Professional Interest Group (YPIG) Speed-Mentoring event. We want to thank everyone for a great turnout at all of these events, especially at Speed-Mentoring. Both our mentors and mentees did an excellent job and we would like to expand the event next year and include a mix of both early-career and more seasoned professionals. ASN has developed a survey for all EB participants and if you would like to provide feedback about your general perception of EB, please follow this [link](#).

Finally, we are excited to announce the addition of a Social Media Chair to head up the **SIG's Facebook** page, **LinkedIn** page and **Twitter** account. We think social media is critical to keep this generation of SIG members up to date with the latest news and opportunities for students in the field of nutrition.

As my term as SIG Chair comes to a close, I am so excited to welcome the new SIG Chair, Lindsey Smith-Taillie from UNC Chapel Hill. I know the SIG will continue to do great things because we represent such a wonderful group of motivated students. Keep up the great work and please don't hesitate to contact any SIG leader to become more involved or to provide valuable suggestions. Thank you!

Submitted by Katie Coakley, MS, RD, LD
kcoakle@emory.edu

Young Professional Interest Group

The Young Professionals Interest Group has been hard at work fulfilling our goal of providing career development resources and information tailored for early career nutrition scientists. This year's Experimental Biology meeting allowed us to reach a huge part of our membership, and we delivered a number of events for emerging nutrition scientists.

First was our annual Postdoctoral Research Award Competition, graciously supported by DuPont Nutrition and Health. This competition recognizes the best research abstracts submitted by postdoctoral members and six finalists were chosen: **Miriam Jacome-Sosa** (University of Missouri), **Hannah Holscher** (University of Illinois at Urbana-Champaign), **Kelsey Mangano** (Harvard University); **Brendt Pence** (University of Illinois at Urbana-Champaign); **Cari Lewis** (Indiana University) and **Chuchun Chang** (Columbia University). One grand prize winner was selected during the competition by a panel of judges: **Hannah Holscher** for her abstract "Diet Influences the Oral Microbiota of Infants during the First Six Months of Life." A fantastic achievement for Dr. Holscher and for all of our finalists!

This year we were proud to sponsor two sessions. Along with the Public Information Committee, we co-sponsored a session entitled "Being Social: How Scientists Can Find Their Way in a 24-Hour Digital World," featuring noted nutrition social media experts **Lisa Gualtieri** (Tufts University), **Michael McBurney** (DSM Nutritional Products), **Gregory Miller** (National Dairy Council), and **Marion Nestle** (New York University). The panel had an excellent discussion about the importance and influence of social media in nutrition, and provided lots of practical advice on best practices for those looking to expand their social media presence.

YPIG also organized our symposium, "Establishing Yourself as an Expert." This symposium focused on developing

communication skills to be viewed as an expert both by your colleagues and the nutrition field as a whole. Topics included best practices for social media and academic publications, and managing your relationships with colleagues via groups and in a one-on-one setting. We had a great turnout to see our amazing panel: **Katherine Tucker** (University of Massachusetts – Lowell), **Gregory Miller** (National Dairy Council), **Janet King** (Children's Hospital Oakland Research Institute), and **Steven Zeisel** (UNC-Chapel Hill). For those of you who missed it, we will be publishing a summary of the symposium later this year.

We also held two signature YPIG events at this year's EB meeting, namely our Speed Mentoring event and our Networking Social. Speed Mentoring, co-sponsored with the Student Interest Group, provided an opportunity for students and very early-career scientists to speak with professionals in academia, industry, and government to gain some valuable career guidance. With over 30 mentors and 45 mentees in attendance, this event was absolutely a success! Immediately following was the Networking Social, the premiere networking event for young professionals at Experimental Biology. More information will be available in the upcoming issue of the YPIG newsletter.

Spring marks a time of change for the group with several amazing people transitioning off the leadership board. Many thanks go to **April Stull**, **Marie Fialkowski**, and **Robert Rhoads** for all of their incredible contributions to the group over the past few years! Fortunately, spring marks new beginnings for the group with some incredibly talented people taking over our leadership this year, and I am confident that our incoming chair, **Mary Lesser**, will do an amazing job helping the group serve our young professional membership.

Submitted by Eric Ciappio, PhD, RD
eric.ciappio@dsm.com



The salad kits sold quickly!



YPIG Leaders take a moment to honor the group in Boston.

Council News

Nutritional Sciences Council



For the Nutritional Sciences Council, the highlight of EB 2015 was the sponsorship of the Graduate Student Research Awards where twelve finalists made outstanding presentations. We congratulate them all, particularly the three grand prize winners: Hathairat Sawaengsri, Tufts University USDA

HNRCA / Friedman School; Karim Bougma, McGill University; and Adam Lyon, University of Arizona. Special thanks are due to the judges who worked hard to evaluate the initial submissions and the final assessment of the final presentations. Attendance at the NSC business meeting was very good, and those present heard discussion about suggestions made to the ASN Board by the NSC Governing Committee on how the society's scientific councils can become more of a voice in society affairs, remarks from the ASN's incoming President Patrick Stover, and a discussion of the FASEB report on Sustainability of Biomedical and Biological Research Funding in the U.S.

The Nutritional Sciences Council has been extremely busy organizing a free, four-part webinar series to describe the different approaches used to characterize the human microbiome, review current knowledge about gastrointestinal (GI) microbiota and obesity, and discuss the interactive role of GI microbiota and nutrition in chronic health and disease. The human GI tract harbors trillions of microorganisms, most of which are commensal and have adapted over time to the milieu of the human colon. The mutualistic relationship between the intestinal microbiota and their mammalian host is thought to be influenced, at least in part, by diet. Consumption of various nutrients and other food components affects the structure of the microbial community and provides substrates for microbial metabolism. Not only can eating patterns modify microbial community structure, but microorganisms can also generate new compounds from food components.. Many of the specific bacteria taxa, as well as microbially-generated metabolites, may have a role in health and disease development.

Webinar 1:

What is the microbiome and what is the evidence that diet can modify GI bacteria?

Webinar 2:

The GI microbiota: How do you determine who is there and what they are doing?

Webinar 3:

What is the role of GI microbiota in obesity and metabolic syndrome?

Webinar 4:

What are the independent and interactive roles of GI microbiota and nutrition in modifying chronic disease risk?

For more information, please visit: <https://www.nutrition.org/education-and-professional-development/the-microbiome-webinar-series/>

If you have suggestions for future webinar series, please feel free to contact anyone on the NSC governing committee.

Submitted by Cindy Davis, PhD

davisci@mail.nih.gov

Medical Nutrition Council

The Medical Nutrition Council participated in two award



competitions to honor students and young investigators at ASN's Scientific Sessions & Annual Meeting in March. The **Clinical Emerging Leaders Award** is a competition of oral research presentations that targets graduate students or medical trainees submitting research

in clinical nutrition. Congratulations to the following finalists and grand prize winner:

- Mohammad Abdullah, University of Manitoba (Grand Prize winner)
- Samantha Kling, Pennsylvania State University
- Katherine Balantekin, Pennsylvania State University
- Christian Wright, Purdue University
- Mandana Amir Shaghaghi, University of Manitoba

The inaugural **Emerging Leaders in Nutrition Science Poster Competition** recognized the highest quality research presented by students and young investigators at ASN's Scientific Sessions. The MNC was pleased to recognize the following individuals who won top honors for the council's competition:

- Nicholas Deputy, Emory University
- Bridget Stroup, University of Wisconsin-Madison
- Christopher Villa, University of Toronto

We have initiated planning for ASN's 2015 Advances and Controversies in Clinical Nutrition Conference to be held this December. Please watch nutrition.org for upcoming details!

Submitted by Connie Bales

bales001@mc.duke.edu

Global Nutrition Council



Thank you to everyone who participated in the GNC events at ASN's Scientific Sessions and Annual Meeting at EB 2015 meeting in Boston, MA. It was a resounding success. GNC symposia, minisymposia and poster sessions were very well attended. Although we normally do not have GNC

events on Saturday, we had people spilling out of the minisymposia rooms. We also had a very strong presence at the inaugural Emerging Leaders in Nutrition Science Poster Competition, at which the Global Nutrition Student Poster Competition judging took place.

Congratulations to the following:

First Place Winners:

- Crystal Karakochuk, University of British Columbia: An Evaluation of Two Methods to Measure Hemoglobin Concentration among Women with Genetic Hemoglobin Disorders in Cambodia: A Method-Comparison Study.
- Julie L. Self, Emory University: How Does Homestead Food Production Improve Child Nutrition? Path Analysis of the AAMA Project in Nepal.

Second Place Winners:

- Alex Brito, USDA-ARS WHNRC. Effect of vitamin B12 supplementation on B12 status and neurophysiological function in older Chileans analyzed by the combined indicator of B12 status.
- Amanda L. Wilkinson, Cornell University. Elevated Umbilical Cord Cytokines are Related to Birth Size in HIV-exposed and Unexposed Infants.

GNC's business meeting and subsequent reception were extremely successful, as usual! We keep planning for more and more people and we still always have to add more seats. Gretel H. Pelto, PhD, (Cornell University) was recognized at the business meeting with the Kellogg International Prize in Nutrition Lecture. She delivered a great presentation "Beliefs, knowledge and environment: Using anthropology to inform nutrition action," which will be on the ASN website once the recording is available.

As we start the new volunteer term, we look forward to working with new ASN members as well as growing the Council.

Submitted by Lynnette Neufeld

lnuefeld@gainhealth.org

ASN Supports Nutrition in China



Meet Dr. Zhaoping Li, a UCLA professor of medicine and nutrition physician specialist. Dr. Li, who also directs the school's Center for Human Nutrition and is chief of its Division of Clinical Nutrition, not only sees patients but teaches and conducts clinical research as well. Her passion for her work also

provided the motivation for Li to help organize and serve as part of ASN's contingent at the recent Chinese Nutrition Week. What began as a conversation in 2014 with an executive of ASN's counterpart in the East morphed into a trip to the Orient this spring to put on a series of symposia. Li offers some insight on her collaboration on the project and why there is such a great need in China for this type of interaction between the societies.

Tell us about your recent trip to Chinese Nutrition Week.

About a year ago at the ASN Scientific Sessions and Annual Meeting, we started a conversation with the current chair of the Chinese Nutrition Society, Dr. Yuexin

Yang. At that time, we talked about how to really help the organization engage clinical nutrition and community-based nutrition programs in addition to what they've already been doing well – which is research. We actually decided for ASN to sponsor two symposia, but we ended up with four! On top of that, we invited distinguished members of ASN to give lectures at symposia organized by the Chinese Nutrition Society.

What topics were covered in the ASN-sponsored sessions?

One session was a training workshop led by ASN journal editors Dennis Bier, MD and Teresa Davis, PhD, which focused on helping scientists in China get their research, particularly Chinese population-based research, published in international journals. We also had a clinical symposium on clinical nutrition, which is very much lacking in China. In addition, we encouraged scientists to join ASN and reviewed the benefits of membership for those members of the Chinese Nutrition Society. Members of the North America Chinese Society for Nutrition, a subgroup of ASN, presented research on

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Annual Meeting Moments



EB2015 International Forum - Korea

"Vitamin D: Why do we care?"

When

29th March 2015(Sunday), 3:00-5:00PM

Where

Education Track Room 151AB
Boston Convention & Exhibition Center

Organized and  The Korean Nutrition Society
Sponsored by  American Society for Nutrition

2015 Korean Scientists' Night

When

29th March 2015(Sunday), 6:00-8:30PM

Where

Noname Restaurant
15 Fish Pier St W
South Boston, MA 02210
(617)423-2705

<http://www.nonamerestaurant.com>

Organized by  The Korean Nutrition Society
Supported by  Almond Board of California



Research Interest Section (RIS) News



From the RIS Director

The 2015 ASN Scientific Sessions & Annual Meeting was again a great success with the RIS playing a major role in the planning and execution of key events.

Volunteers and Leaders of the RIS:

- Reviewed approximately 1800 abstracts, resulting in more than 3000 reviews
- Planned and organized 55 of the 63 minisymposia, as well as 90% of the poster sessions.
- Planned, organized or co-sponsored 1/3 of the 33 symposia for the ASN science program
- Jointly organized with Councils and 14 of the 15 RIS to create ASN's Emerging Leaders in Nutrition Science Poster Competition.

To support these key activities, the RIS provided 66 awards totaling around \$20,000 for students (graduate and undergraduate) and postdoctoral fellows whose posters received the highest scores by a team of judges. Individual RIS activities may be highlighted in each of the RIS Chair reports in this issue of Nutrition Notes.

In addition to driving the ASN 2015 program, these RIS chairs provided leadership roles by actively engaging with the ASN leadership and staff, bringing to fruition these major accomplishments:

- Transition to a centralized budget
- A centralized poster competition: create ASN's Emerging Leaders in Nutrition Science Poster Competition.
- A revised awards process for RIS poster competitions

Collectively, these accomplishments resulted in a very smooth and efficient structure for all of the RIS to conduct the poster sessions and interact, both amongst themselves and across RIS. The Emerging Leaders in Nutrition Science Poster Competition was a major success, and we hope to utilize the feedback we received and make in better next year in San Diego.

Thank you 2014-2015 RIS Chairs! During 2014-2015 the 15 RIS have been led by these talented, thoughtful RIS Chairs to whom ASN extends thanks and appreciation:

Aging & Chronic Disease
Dr. Carmen Sceppa

CARIG
Dr. Zeina Jouni

Community & Public Health
Dr. Sarah Colby

Diet and Cancer
Dr. Zora Djuric

Dietary Bioactive Components
Dr. Janet A. Novotny

Lactation
Dr. Cheryl Lovelady

Nutrition Education and Behavioral Science
Dr. Jill Landsbaugh Kaar

Nutritional Epidemiology
Dr. Namanjeet Ahluwalia

Nutrient-Gene Interactions
Dr. Ron Morrison

Nutritional Immunology
Dr. Laura Coleman

Nutrition Translation
Dr. Beth Bradley

Energy and Macronutrient Metabolism
Dr. Anna Thalacker-Mercer

Experimental Animal Nutrition
Dr. Elizabeth Gilbert

Obesity
Dr. Mark Cope

Vitamins & Minerals
Dr. Sushil K. Jain

Welcome 2015-2016 RIS Chairs. These 2015-2016 RIS Chairs have been chosen by their peers to lead and guide their respective RIS throughout the year:

Aging & Chronic Disease
Dr. Bahram Arjmandi

CARIG
Dr. Sherry Tanumihardjo

Community & Public Health
Dr. Sarah Colby

Diet and Cancer
Dr. Eunyoung Cho

Dietary Bioactive Components
Dr. Joshua Lambert

Lactation
Dr. Shannon Kelleher

Nutrition Education and Behavioral Science
Dr. Amy Mobley

Nutritional Epidemiology
Dr. Namanjeet Ahluwalia

Nutrient-Gene Interactions
Dr. Thomas Wang

Nutritional Immunology
Dr. Erik Karlsson

Nutrition Translation
Dr. Michelle Braun

Energy and Macronutrient Metabolism
Dr. Victoria J. Vieira-Potter

Experimental Animal Nutrition
Dr. Crystal Levesque

Obesity
Dr. David Allison

Vitamins & Minerals
Dr. Lisa Tussing-Humphreys

Submitted by Kevin Schalinske, PhD
kschalin@iastate.edu

Aging & Chronic Disease

ASN's Scientific Sessions in Boston was a dynamic meeting full of great science, new investigators and a rewarding exchange of ideas. Many thanks to all who were able to come and contribute! Our RIS leadership wishes to specially thank our members for their involvement in reviewing the abstracts presented at EB and for those judging the abstracts from graduate students and postdoctoral fellows selected for the ASN's Emerging Leaders in Nutrition Science Poster Competition!

Our RIS's **Scientific Sessions** included the **late-breaking symposium** presented on Saturday, March 28 from 3:00 – 5:00 PM entitled: “*Nutritional Approaches for Osteosarcopenic Obesity: Interrelationships between Bone, Muscle, and Fat*” was a success with a ballroom packed of attendees interacting with our presenters. The topics presented included:

- Osteosarcopenic Obesity: What is It and How Can It Be Managed and Prevented? By Jasminka Ilich-Ernst, PhD, RD, FACN from Florida State University.
- Muscle, Bone, and Fat: Connections and Implications by Clifford Rosen, MD from Maine Medical Center Research Institute.
- Emerging Therapies for Musculoskeletal Health by Ronenn Roubenoff, MD, MHS, FACP, FACR from Novartis Institutes for Biomedical Research.
- Dietary Protein Intake During Weight Loss: Does It Impact Bone, Muscle and Fat Comparably by Wayne W. Campbell, PhD from Purdue University.
- We had great, well-attended presentations at our **oral mini-symposia**, including:
 - Aging: Risk Factor Modification for Healthy Aging, Chair: Bahram H. Arjmandi, Co-Chair: Elizabeth J. Reverri (Tuesday, March 31, 8:00 – 10:00 AM)
 - Nutrition Across the Lifespan (Co-sponsor by the Aging, Obesity and Nutrition Translation RIS), Chair: Carmen Sceppa, Co-Chair: Christine Tangney (Tuesday, March 31, 10:30 AM – 12:30 PM)
- We also featured five **poster sessions** that included the following topics:
 - Risk Factor Modification for Cardiometabolic Health and Chronic Disease
 - Nutritional Needs and Assessment in Older Adults/Populations
 - Nutrition and Sarcopenia
 - Nutrition and Osteoporosis
 - Nutrition Across the Lifespan: Nutrition, Neurobiology, Mood and Behavior (Co-sponsor: Aging, Obesity and Nutrition Translation RIS)

The **ASN's Emerging Leaders in Nutrition Science Poster Competition** held on Saturday, March 28, 5:00 – 7:00 PM, featured our RIS's 4th annual graduate student poster competition, and 2nd postdoctoral fellow poster competition. There were eleven **graduate students**

finalists for this competition including: Justin Rene Buendia from *Boston University School of Medicine*, Maureen Choman from *Colorado State University-Pueblo*, Zhaoli Dai from the *National University of Singapore*, Kristy Du from *University of Illinois at Urbana-Champaign*, Farnaz Farshidfar from *University of Manitoba*, Jamie Houdek from *Rush University Medical Center*, Julia Inglis from *Florida State University*, Erika Langley from *Boston University School of Medicine*, Britta Moore from *Texas State University*, Elham Movassagh from *University of Saskatchewan*, and Ruth Tanner from *University of Utah*. For the **postdoctoral** competition, the four **finalists** were: Kelsey Mangano from *Harvard Medical School*, Marshall Miller from *USDA-ARS, HNRCA at Tufts University*, Brandt Pence from *University of Illinois at Urbana-Champaign*, and Kathryn Porter Starr from *Duke University Medical Center/Durham VA Medical Center*.

The **ASN's Emerging Leaders in Nutrition Science Poster Competition winners** were:

Graduate Student – First Prize

Kristy Du's abstract on: *Dietary Supplementation with Quercetin Rejuvenates Cognitive Performance Independent of Adult Hippocampal Neurogenesis*

Graduate Student – Second Prize

Jamie Houdek's abstracts on: *Dietary Inflammatory Index Scores and C-Reactive Protein Concentrations among Older Adults*

Postdoctoral Fellow – Grand Prize

Marshall Miller's abstract on: *Effects of dietary blueberry on cognition and in vivo and in vitro inflammatory status*

We'd like to thank those who served as our **judges** for the **ASN's Emerging Leaders in Nutrition Science Poster Competition**: Chao-Qiang Lai, Daniel Lin, Jing Xue, Andrea Hutchins, Karen Kubena, Vivian Haley-Zitlin, Sarah Johnson, Becky Costello, Victoria Flood, Alexandra Jenkins, Andrew Brown, and Kyla Shea. Many thanks also to our **photographer** Lilian Sattler.

We held our annual **Business Meeting** on Monday, March 30 from 7:00 – 8:30 AM, featuring **Clara Lau, PhD**, Director of Human Nutrition Research at the National Cattlemen's Beef Association (NCBA), who spoke about the Beef Checkoff Program. NCBA is the oldest and largest trade association and marketing organization representing America's one million cattle ranchers and farmers. Alongside the Executive Director of Nutrition Research, Dr. Lau assist in the planning, developing, managing and implementing of beef nutrition research programs. These programs are designed to establish, monitor and disseminate scientific evidence on beef's role in a healthy diet and support the overall initiatives of the beef industry nutrition program. Dr. Lau holds a bachelor's degree in Nutrition Science from the University of California, Davis and a doctorate in Human Nutrition, Foods and Exercise

from Virginia Tech. She currently lives in the Washington DC area and continually works towards maintaining a healthy and active lifestyle. During the business meeting we announced the poster competition winners (listed above) and open the floor for discussion about our RIS's upcoming activities. Some of the issues discussed included: 1) the upcoming election for the Chair-Elect, 2) call for mini-symposia categories as well as symposia, 3) newsletter, and 4) membership engagement.

Don't forget to check out our new RIS website:
www.nutrition.org/agingandchronicdisease/.

Let us know if you would like other announcements posted. Please do not hesitate to suggest other issues important to our RIS with me directly (c.sceppa@neu.edu) or through our listserv AgeChron@lists.nutrition.org.

*Contributed by Carmen Castaneda Sceppa
Northeastern University
c.sceppa@neu.edu*

Diet and Cancer

Greetings Diet and Cancer RIS! In case you missed the annual meeting, our Research Interest Section had 66 abstracts submitted. We were able to select 11 high-ranking abstracts for the "Emerging Leaders" poster competition which resulted in three graduate student awards and two postdoctoral awards. We also had two mini-symposia: "Uncovering the Role of Diet in Cancer Prevention: Population Based Studies" and "Fat versus Fiber in Colon Cancer: Opposite in the End?" We thank our sponsors, the American Institute for Cancer Research and Harlan Teklad Research Diets for their support of our activities.

The number of abstract submissions determines our budget for poster awards and the number of mini-symposia that we can have. We therefore encourage everyone to submit abstracts for next year! We now have 1287 members as of March 2015. We would like to have everyone participate in the annual meeting to share ideas and learn from the presentations and discussions. The membership breakdown is 370 Regular, 313 Associate, 28 Emeritus, 168 Postdoctoral, and 408 Student members.

Diet and Cancer RIS leadership will now transition with Dr. Zora Djuric (University of Michigan) stepping down and Eunyong Cho (Brown University) is taking over as chair for 2015-2016. We will have a student representative this year as well to help coordinate student interests and activities: Krizia Ferrini (University of Pavia, Italy). We will see you at EB 2016 in San Diego!

*Submitted by Zora Djuric, RIS Chair 2014-2015
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Dietary Bioactive Components

Greetings DBC RIS members,

With EB 2015 behind us, we can reflect on a very successful meeting and year for the Dietary Bioactive Components RIS. The DBC RIS received 230 abstract submissions for oral and poster presentations at EB15. In addition, 45 abstracts from students and post-docs were selected from the DBC RIS for the Emerging Leaders Poster Competition. A sincere thank you goes to the abstract reviewers for ranking EB submissions, Joshua Lambert for overseeing the DBC portion of the poster competition, the poster judges for the attention and effort they gave to the competition, and the minisymposia chairs for keeping the sessions running so smoothly! The active participation of our membership is what makes the RIS successful! Also, the DBC RIS thanks Moira Guenther and Gwen Twillman for their huge and dedicated effort in organizing EB and for supporting the RIS groups!

EB15 witnessed our second DBC Hot Topics Session, entitled "The Role of Dietary Bioactive Components in Bone Health and Development." Thank you to the speakers for their timely and insightful presentations: Connie Weaver, Martin Ronis, Brenda Smith, Chwan-Li (Leslie) Shen. A huge shout-out goes to Taylor Wallace for organizing an excellent session and for facilitating thought-provoking discussion of the emerging issues! And thank you to the California Dried Plum Board for sponsoring the event!

The DBC RIS congratulates the DBC winners of the Emerging Leaders Poster Competition:

Graduate Student Category

- 1st place tie – Brigitte Townsend (U of Illinois) and Shannon Glisan (Penn State U)
- 2nd place – Amber Furrer (Purdue U)
- 3rd place tie – Sydney Moser (Purdue U) and Inhae Kang (U of Nebraska)

Post-Doc Category

- 1st place – Roberta Holt (UC Davis)

Undergraduate Student Category

- 1st place – Leo He (U of Prince Edward Island)

The National Confectioners' Association sponsored a Chocolate Council Award for Outstanding Flavanol Research as part of the poster competition. The DBC RIS congratulates the winner, Mingyao Sun (Penn State U). We thank the NCA for sponsoring this award and recognizing the outstanding research of young scientists working in this area.

As I complete my term as DBC RIS Chair, I would like to say it has been a pleasure to serve the RIS membership over the past year. I would also like to thank the other

RIS officers, Past-Chair Taylor Wallace, Chair-Elect Joshua Lambert, Secretary Maria Stewart, Treasurer Petra 'Peko' Tsuji, Student Rep Benjamin Redan, and Members-at-large Wanida Lewis and Teresa Johnson, as well as the DBC RIS members, for their support throughout my term.

*Contributed by Janet A. Novotny
Dietary Bioactive Components RIS Chair*

Experimental Animal Nutrition

Thank you to everyone who attended Experimental Biology 2015 in Boston, MA. At this meeting, we hosted three minisymposia (24 abstracts) and three poster sessions (56 abstracts). Our RIS was represented in the Emerging Leaders in Nutrition Science Poster Competition with eight graduate student and two postdoctoral competitors. The poster competition was well-attended and presentations were impressive. Congratulations to the following recipients of travel awards:

1. Adriana Hernandez-Garcia- Baylor College of Medicine, Postdoctoral category, \$400
2. Kirsten Berding, 1st place, Graduate section, University of Illinois, \$300
3. Brian Leyshon, 2nd place, Graduate section, University of Illinois, \$300

Many thanks to the poster judges for volunteering their time and efforts:

- Kola Ajuwon (lead judge and organizer)
- Crystal Levesque
- Min Du
- Kim Barnes
- Tina Herfel
- Stone Ding

Thank you to those who attended our annual business meeting and a special thank you to Dr. Matthew Meyer, Senior Investigator and Group Leader in Oncology Research at the Novartis Institutes for BioMedical Research, for the excellent discussion of animal research models for drug discovery.

Our RIS activities this year are sponsored by Harlan-Teklad Research Diets. Thanks so much for the support!

Our new Steering Committee will begin their terms effective June 1, 2015. The 2015-2016 Committee Officers are as follows:

Chair: Kola Ajuwon, Purdue University
Past-Chair: Elizabeth Gilbert, Virginia Tech
Chair-Elect: Ryan Dilger, University of Illinois
Treasurer: Crystal Levesque, South Dakota State University
Secretary: TBD (elections occurred after submission deadline)

Industry Representative: TBD (elections occurred after submission deadline)

Program Coordinator: TBD (elections occurred after submission deadline)

Student Representative: Leslie McKnight, University of Guelph (2nd year of two-year term)

Looking ahead to Experimental Biology 2016 in San Diego, CA (April 2 – 6, 2016), the Steering Committee has decided that abstract categories offered will remain the same:

- Animal models of fetal nutrition, programming and neonatal development
- Comparative animal nutrition and physiology
- Animal models of nutrition and disease
- Animal models for nutrition across physiological states

Thank you again for your continued support of the Experimental Animal Nutrition RIS. As always, new ideas are welcome and I encourage you to contact our incoming chair, Dr. Ajuwon (kajuwon@vt.edu) with suggestions for improvement and ideas for next year's meeting. It has been a pleasure serving you and I hope to see you all in San Diego next year!

*Contributed by Elizabeth Gilbert, Ph.D.
egilbert@vt.edu*

Energy and Macronutrient Metabolism

I hope everyone had a wonderful EB 2015 experience filled with networking, new insight, and new research ideas. EB 2015 was extremely successful for the EMM RIS. Thank you to all of the EMM RIS members and our generous sponsors who made this success possible. I want to thank everyone at ASN for providing us with 8 oral mini-symposia and 10 poster session slots. The EMM RIS mini-symposia and symposia were at maximum room capacity, which is an indication that the topics we support are novel and interesting to ASN members as well as other groups attending EB. Thank you to all of the EMM-RIS session chairs and co-chairs for their willingness to moderate the sessions! Thank you to all oral and poster presenters for sharing your exciting research! Thank you to all of the abstract reviewers! Thank you to the ASN poster session reviewers!

One of the highlights for the EMM RIS at EB 2015 was our annual abstract competition, Hot Topics presentation, business meeting and reception. We had well over 150 EMM RIS members attend the event this year. I want to thank our 'Hot Topics' guest speaker, Dr. Suzanne Devkota from the Joslin Diabetes Center and Harvard Medical School, for sharing her research and stimulating scientific discussion. In addition, we had over 25

submitted abstracts for our Student and Postdoc Abstract Competition and were able to award 10 students/postdocs with \$300 (see winners below). Additionally, we had 41 students/postdocs compete in the ASN Emerging Leaders in Nutrition Poster Competition and were able to award 5 with \$500 (see winners below).

Congratulations to the EMM-RIS Student and Postdoc Abstract Award Winners for 2015

Student/Postdoc	Institution
William French	University of Arkansas
Jing Zhou	Purdue University
Kelli Crisp	TCU
Christian Wright	Purdue University
D A Kieffer	UC Davis
Paul Reidy	University of Texas Medical Branch, Galveston
Lauren O'Connor	Purdue University
Kat Sweatt	University of Alabama at Birmingham
Anestis Dougkas	Lund University
Jung Eun Kim	Purdue University

Congratulations to the EMM-RIS, ASN Emerging Leaders in Nutrition Poster Competition Winners for 2015

Student/Postdoc	Institution
Vivian Choo	University of Toronto
Taryn Cranford	University of South Carolina
Marcela Henriquez-Henriquez	Columbia University
Fredrik Jernerén	University of Oxford
Lauren O'Connor	Purdue University

I want to sincerely thank our sponsors for their many contributions to the EMM-RIS, particularly funding the Hot Topics seminar, reception, and student/post-doc awards. Without their support, none of these items would be possible. The sponsors include the following: DuPont (provided the support for all 5 poster competition awards), Mead Johnson Nutrition, Cambridge Isotopes, PepsiCo, Beef Checkoff, Egg Nutrition Center, Hillshire Brands, Mondelez International, Almond Board of California, Harlan, Kraft Foods, National Pork Board and ASN.

Finally, I would like to ask you to encourage colleagues, students, and post-docs to first join the EMM-RIS group and then get involved. Vicki Vieira-Potter (vieirapotterv@missouri.edu) will be taking over as the EMM-RIS chair as of June 1, 2015. I will continue to be involved with the

EMM-RIS Steering committee as past-chair. I would like to thank our past-chair, Jamie Baum, for all of her hard work and ideas over the past 3 years.

Although the main deadline for EB2015 symposia submissions is passed, late-breaking symposia proposals are welcomed. These are due Sept. 8, 2015. If you have any questions about the submission, feel free to email Vicki or me.

*Submitted by Anna Thalacker-Mercer, (aet74@cornell.edu), EMM-RIS Chair (until June 1, 2015)
Vicki Vieira-Potter (vieirapotterv@missouri.edu), EMM-RIS Incoming Chair (June 1, 2015)*

Lactation

Spring is here! Although EB 2015 is behind us, Lactation Science continues to pick up speed, with exciting news and conferences coming our way in the near future. First and foremost, on behalf of the RIS, a HUGE thank you goes out to Drs. Lars Bode and Cheryl Lovelady for their leadership, energy and vision as our RIS Past-Chair and Chair, respectively! After serving on the RIS Board for 6 years, Lars Bode rotates off the Board this year. After serving 2 years as Chair-Elect and 2 years as Chair, Cheryl rotates into her post as Past-Chair for her final year. Dr. Shannon Kelleher will assume the role of Chair for 2015-2016. The new Chair-Elect will be announced in June after the election.

EB 2015 was another huge success for Lactation Science! The Lactation RIS held two mini-symposia, **Biology of Lactation Including Bioactive Components and Other Milk Constituents and Their Effect on the Infant**, and **Lactation and Maternal and Infant Health**, both of which were very well-attended. Many thanks to all the excellent speakers and attendees who made these sessions a success!

The Symposium entitled **An Interdisciplinary Examination of Potential Effects of Maternal Obesity on Lactation Physiology and the Human Milk Microbiome** chaired by Drs. Cheryl Lovelady and Laurie Nommsen-Rivers was also a huge success. A special thanks to Bridget Young, University of CO; María Carmen Collado, Inst. of Agrochemistry and Food Tech.; Spanish Nat'l Res Council (IATA-CSIC), Valencia, Spain; and Laurie Nommsen-Rivers, Cincinnati Children's Hospital Medical Center, Cincinnati, OH for their excellent presentations on their current research findings.

Our **business luncheon** was held on Monday March 30. Two important issues discussed were the change in Board service from two years/term to one year/term and the

creation of a new Pediatric RIS. The creation of the new Pediatric RIS generated much discussion and members in attendance were very much in favor of combining the new Pediatric RIS with the Lactation RIS. Potential names and scope of the newly combined RIS will be circulated among Lactation RIS members for their comments in the coming months. Stay tuned for more information on the new RIS as it becomes available!

New to EB this year was the **ASN Emerging Leaders in Nutrition Science Poster Competition** created to highlight the very best research submitted by students and young investigators. This poster competition was extremely well attended and thanks very much to the judges and all competitors. The winners from the Lactation RIS were Sooyeon (Jenny) Lee (Penn State University), Li Chen (McGill University), Rulan Jiang (UC Davis), Maryanne Perrin (North Carolina State University), Foteini Hassiotou (University of Western Australia), Hannah Holscher (University of Illinois), and Dominick Lemas (University of Colorado Anschutz). Congratulations to our Lactation RIS winners!

A big thank you goes to our Trainee Representative **Chloe Autran** (UC San Diego), who will be rotating off the Board this year. Our current trainee representatives are Janet Williams (University of Idaho) and Jenny Lee (Penn State University). Janet and Jenny will be responsible for managing Facebook and Twitter, and helping to organize EB 2016.

FASEB Summer Research Conference (Big Sky, Montana July 19-24, 2015)

Registration is now OPEN for an exciting FASEB Summer Research Conference entitled *Origins and Benefits of Biologically-Active Components in Human Milk*. This conference promises to be exceptional, featuring world-renowned researchers and speakers from around the globe and plenty of quality time for casual discussions among colleagues focused on the study of human milk and lactation. For more information, please see the website: <http://www.faseb.org/SRC-HuMilk/Home.aspx>

The International Society for Research in Human Milk and Lactation (ISRHML)

Planning for the 18th ISRHML Conference in 2016 is already underway! This meeting will be held in Stellenbosch, South Africa from March 3 – 7, 2016. For more information about ISRHML or the conference, please see the website: <http://isrhml.net/>

Congratulations to **Debbie O'Connor!!!** Debbie is the recipient of this year's Khursheed Jeejeebhoy Award, which is sponsored by the Canadian Nutrition Society Food for Health Foundation. *"This prestigious award is given annually to an individual who has made an outstanding contribution in the broad sphere of application of clinical*

nutrition research beyond the nature of achievement that would normally be recognized by an award for such application of nutrition research findings. The recipient will have effectively or creatively applied their research work such that it extends clinical nutrition practice beyond the currently accepted boundaries or materially expands clinical nutrition practice within those boundaries." Debbie will receive the award during the 2015 CNS Annual Conference in Winnipeg, MB and give the awards lecture on Friday May 29! <https://cns-scnc.ca/2015-annual-meeting/overview>

Like us on Facebook (Lactation RIS of ASN) and follow us on Twitter ([@Lactation_RIS](https://twitter.com/Lactation_RIS)). You can also like ISRHML on Facebook ([ISRHML](https://www.facebook.com/ISRHML)) even if you are not a member of the Society.

*Submitted by Shannon Kelleher
Penn State College of Medicine
Chair-Elect, Lactation RIS
slk39@psu.edu*

Nutrient-Gene Interaction

Thank you very much to those who submitted abstracts under subtopics sponsored by NGI for Experimental Biology 2015 as well as to those who volunteered to review abstracts, chair/co-chair mini-symposia and judge our new ASN Emerging Leader Poster Competition. Of the 61 total abstracts received, 16 presenters contributed to the success of our two mini-symposia regarding Nutrient-Gene Interactions in 1) Genomics, Proteomics, and Metabolomics (Chair: Janos Zempleni, Co-Chair: Sharon Ross) and 2) Obesity and Inflammation (Chair: Kate Claycombe, Co-Chair: Jamie Baum).

We would also like to acknowledge that 12 finalists were selected from the total abstract pool to participate in the new poster competition. We are happy to announce the two winners of this competition: Hang Su, PhD candidate, Department of Food Science and Human Nutrition, University of Illinois at Urbana-Champaign (mentor: Manabu Nakamura) and Kalypso Karastergiou, Postdoctoral Fellow, Department of Medicine, Section of Endocrinology, Diabetes & Nutrition, Boston University School of Medicine (mentor: Susan Fried). Much appreciation also goes out to the judges that volunteered their time to help with the competition: Yooheon Park, Sharon Ross, Francis Lau, Neil Shay, Tom Wang, Catharine Ross, David Mutch and Naima Moustaid-Moussa. Feedback from attendees and participants declared the new ASN Emerging Leader Poster Competition a huge success.

We would like to remind all members that if you are interested in contributing to the RIS as a member of the advisory/steering committees or if you have ideas for

events or are willing to mentor younger members or judge/chair competitions or symposia, please feel free to contact us. While our membership is holding strong at nearly 1500 members we encourage all colleagues to join the RIS and submit to future NGI-sponsored events at EB 2016 in San Diego.

We would also like to take this opportunity to thank Kevin Schalinske, RIS Director and ASN staff for ensuring that everything ran smoothly throughout the year. It has been a pleasure to serve as chair and chair-elect for the past year.

Hope to see you all in San Diego.

Contributed by

Ron F. Morrison, Chair, NGI-RIS

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Tom Wang, Chair-Elect, NGI-RIS

Tom.Wang@ars.usda.gov

Nutrition Education & Behavioral Science



The session on qualitative research was a hit.

I wanted to take the opportunity to thank all of our RIS members who contributed to EB this year! We had many volunteers to help with reviewing abstracts, chairing our mini-symposiums, and judging our posters. We greatly appreciate all that our members do for our RIS, especially when it includes giving us your time. Thank you to all those that contributed!

Session chairs and co-chairs included: Amy Mobley, Lisa Edelson, Henna Muzaffar, Georgianna Tuuri, Jinan Banna, and Kemi Oyelola.

Poster Judges included: Carolyn Gunther, Karina Lora, Julie Kennel, Rachel Vollmer, Sheri Zidenberg-Cherr, and Georgianna Tuuri

We had 11 graduate student and post-doc finalists compete in our ASN Emerging Leaders in Nutrition Science Poster Competition this year. Three travel awards were provided to the top scoring posters:

1st place (\$400): Lori Nguyen, Graduate Student, University of California, Davis

2nd place (\$350): Taren Swindle, Graduate Student, University of Arkansas for Medical Sciences

3rd place (\$250): Anna Jones, Postdoctoral Fellow, University of California, Davis

We would also like to thank Jinan Banna, Virginia Carraway-Stage, Olukemi Oyelola, Henna Muzaffar and Nida Shaikh for taking the time to plan and present a session on qualitative research. The session was well attended and for those that did attend, they reported the session very informative.

Finally, I would personally like to thank our executive committee this year for all of the time and input they provided for our RIS. I feel we had a very productive year and enjoyed my appointment as chair. Thank you to our past chair Carolyn Gunther, chair-elect Amy Mobley, communication coordinator Kimberly Myers, post doc representative Henna Muzaffar, student representative Nida Shaikh, senior advisory committee members Alyce Fly and Kathryn Keim, professional development committee members Olukemi Oyelola and David Seres, awards committee Irene Hatsu and Marjorie Freedman, fundraising committee Rachel Scherr and social media committee Amy Mobley, Jinan Banna, Kimberly Myers and Molika Chea.

Submitted by Jill Kaar

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Nutritional Epidemiology

The highlight of this newsletter is Nutritional Epidemiology RIS presentations (posters/ minisymposia/ symposia sessions) and the Poster competition and Mentoring events. It was great to see so many of our colleagues and meet new ones during the RIS's business meeting and throughout the conference.

The Nutritional Epidemiology RIS held 6 minisymposia and 2 symposia; all were well-attended and had rich Q/A and follow-up interactions. Our RIS participated as well in the Emerging Leaders in Nutrition Science poster competition and organized a 2nd mentoring event. Many people worked hard behind the scenes to make this happen. We would like to thank the ~40 reviewers who signed up with the ASN to review the abstracts submitted to our RIS, the chairs/co-chairs who coordinated and chaired these sessions, and the 7 distinguished mentors who discussed navigating careers at our mentoring event as well as the 18

judges who volunteered and graciously shared their time and expertise to review and score Nutritional Epidemiology posters at the poster competition.

This is the first time that several RISs held their **poster competitions** jointly in the same venue and at the same time in the ASN's Emerging Leaders poster competition. Overall, it took some coordination efforts, but the event went smoothly and it gave attendees an opportunity to see work from other RISs as well. The Nutritional Epidemiology RIS selected and invited 26 participants to present their research in this competition. Their work represented ~18% of abstracts received by NUTR EPI RIS that were eligible for the competition. Special thanks to Amy Millen for leading the poster competition subcommittee (Niyati Parekh, Naman Ahluwalia, and Amy Millen) and for coordinating this event. Thanks also to all who attended the poster competition, encouraged presenters and held rich discussions at this event. We are grateful to the 18 judges who volunteered and reviewed the posters on site; discussed research presented with the participants and scored their work. Thank you judges for making this competition a success. Finally, congratulations to the following 6 winners who were selected from the top 26 invited poster presentations from our RIS.

KUDOS – Winners of the graduate student poster competition of the Nutritional Epidemiology RIS 2015

First Place: **Juan Wu** (Nutrition, Harvard School of Public Health, Boston), "Dietary Patterns and Risk of Age-Related Macular Degeneration After More Than Two Decades of Follow-Up"

Second Place: **Feon Cheng** (Department of Nutritional Sciences, The Pennsylvania State University, University Park), "The Association between Insomnia Symptoms and Diet Quality and Energy Intake"

Third Place: **Joycelyn Faraj** (Nutrition, University of Massachusetts, Amherst), "Vitamin B6 Status is Associated with Depression among Women with Inflammation"

The quality of research was so good that we had a tie for 2nd place for the postdoctoral/young investigators competition. Congratulations to the winners of this competition.

First Place: **TusaRebecca Schap** (NCI, NIH, Rockville, MD), "Index-based Dietary Patterns and All-cause and Cause-specific Mortality Stratified by Body Mass Index and Race/Ethnicity: NIH-AARP Diet and Health Study"

Tied for Second Place: **Shipla Bhupathiraju** (Nutrition, Harvard SchI of Public Health, Boston), "Quantity and Variety in Fruit and Vegetable Intake and Cardiovascular Disease (CVD) Risk: The Women's Health Initiative (WHI)"

Tied for Second Place: **Casey Rebholz** (Welch Center for Prevention, Epidemiology, and Clinical Research, Johns Hopkins University, Baltimore), "Adherence to the DASH

Diet and Risk of Incident Chronic Kidney Disease: the Atherosclerosis Risk in Communities (ARIC) Study"

Mentoring Event: Navigating Careers Successfully

Another key highlight of this meeting was the 2nd mentoring event that our RIS held following its business meeting. We had 7 distinguished mentors who so kindly shared their time, personal trajectories and tips to guide the attendees on navigating careers successfully. **We are thankful to these mentors representing academia (Katherine Tucker, Nicole McKeown), government (Mark Kantor, Johanna Dwyer, Paul Coates) and industry (Andrew Shao, Michael McBurney).** Thanks to Shivani Sahni for leading the Mentoring event and all members of the Mentoring Event subcommittee (Claire Zizza, Kelsey Mangano, Nour Makarem, Shilpa Bhupathiraju, Naman Ahluwalia) and ASN members (Moirá Guenther and Paula Eichenbrenner) for coordinating it.

Please visit our RIS's [webpage](#) for the tips from this event and contact the Steering Committee members if we you have any questions/ideas/feedback for these events and for future programming at EB 2016.

Submitted by Naman Ahluwalia, PhD, FACN
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Nutritional Immunology

Please join us in congratulating the winners of our Emerging Leaders Competition at EB 2015 in Boston: 1st place Shaklee Emerging Leader in Nutritional Immunology: **Kelly M. Houck**, University of North Carolina, "Effects of Early Life Pathogenic Exposures and Obesity on Childhood Inflammation Levels in Galápagos, Ecuador;" 2nd place: **Kayla Furlong**, University of Toronto/The Hospital for Sick Children, "Vitamin D Status and Respiratory Tract Infections: A Systematic Review and Meta-Analysis of Observational Evidence;" and 3rd place: **Bijun Wen**, University of Toronto, "Citrobacter rodentium Infection Alters Murine Colonic microRNA Signature." Not only did they give excellent poster presentations on Saturday night, they also gave excellent talks in Monday's Nutritional Immunology mini-symposium! Our RIS business meeting and trainee awards rely on support through unrestricted educational grants from our sponsors: Arla Food Ingredients, Mead Johnson Nutrition and Shaklee Corporation. Thank you, sponsors!

If you haven't registered for the FASEB Summer Research Conference, Nutritional Immunology: Role in Health and Disease, there is still time. Early bird registration ends June 14.

On June 1 a new chair-elect, secretary and trainee representative joined the 2015-2016 chair, Erik Karlsson, and past chair, Laura Coleman. We'd like to thank our outgoing past chair **Raz Shaikh**, Associate Professor from

East Carolina University and outgoing trainee representative **Diana Taft**, a postdoctoral research associate from Cincinnati Children's Hospital Medical Center.

We are currently processing a name change to the Nutritional Immunology and Inflammation (NI²) RIS.

More details and reminders can be found on the **RIS Facebook page** and Twitter feed (@NutImmRIS). You can always contact the RIS at NutImmRIS@gmail.com.

Contributed by Sarah Comstock, Ph.D.
comsto37@msu.edu

Nutrition Translation

NT RIS annual business meeting and networking luncheon

It was great to see everyone at the business meeting in Boston. Attendance doubled compared to last year—please help us build on the momentum. During the open forum, we heard many good ideas for future NT RIS sessions, including translating the science on the microbiome, how to talk to the press, standards of evidence, interactions between science and regulatory, and new directions for NT RIS' neurobiology emphasis. Our speaker, journalist and author David H Freedman, shared his perspective on obesity, processed food, and nutrition in a thought-provoking way. Continue to share your programming and speaker ideas to keep the NT RIS a step ahead.

Poster competition winners

We were proud to participate in ASN's Emerging Leaders in Nutrition Science Poster Competition. Congratulations to the NT RIS winners!:

- Jodi Bernstein of the University of Toronto
- Elizabeth Pletsch, Purdue University
- Elizabeth Parker, USDA, Beltsville

Stay engaged

If you missed the business meeting, check out the NT RIS site, where you'll find Beth's slides and the NT RIS "Year In Review" infographic that captures our growth and recent successes: <http://www.nutrition.org/about-asn/research-interest-sections/nutrition-translation-ris/>.

If you are interested in joining our partners to help support exciting programming in 2016, please contact Michelle Braun (michelle.braun@dupont.com) or Shellen Goltz (shellen.goltz@tateandlyle.com) for more information.

Submitted by Jill Nicholls
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Vitamins and Minerals

Greetings to all VM RIS members! We hope that everyone had a very productive EB 2015 experience in Boston! VM RIS programming included six topic areas combined into four well attended mini-symposia, *Micronutrient Bioavailability and Antioxidant Function*, *B Vitamins and One-carbon Metabolism*, *Water and Fat Soluble Vitamins and Chronic Disease*, and *Micronutrient Interventions*.

The VM RIS had 24 posters presented at ASN's Emerging Leaders poster competition. VM RIS awardees included Caglar Doguer from the University of Florida, Julia King from Cornell University, Yuan Ru from Cornell University, Hathrait Sawaengsri from Jean Meyer USDA HNRCA at Tufts University, Aislyn DiRisio from Cornell University and Dr. Prasenjit Manna from Louisiana State University Health Sciences Center at Shreveport. We sincerely thank the volunteer judges as well as Dr. Lisa Tussing-Humphreys for serving as the lead judge.

Our business meeting had approximately 40 attendees. Dr. Sushil Jain gave the state of the VM RIS at the start of the meeting. Following, Dr. Jain presented the 2015 VM RIS Outstanding Investigator Award to Dr. Marianne Wessling-Resnick from Harvard University. Dr. Wessling-Resnick then presented to the VM RIS membership her ground breaking work in the areas of iron and manganese metabolism as well as sharing her wisdoms for scientific and personal success. We congratulate Dr. Wessling-Resnick on her vast achievements and thank her for making our business meeting such a special event!

Thank you to the VM RIS 2014 – 2015 leadership team for their service – Dr. Sushil Jain, Chair, Dr. Lisa Tussing-Humphreys, Chair-elect, Deshanie Rai, Secretary/Treasurer, Crystal Karakochuk, Student Representative, Samuel Scott, Student Representative, and Dr. Art Grider, Past Chair.

We wish everyone a safe and relaxing summer!

Contributed by Lisa Tussing-Humphreys
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Member Spotlight

Latin America and the Caribbean

Puerto Rico:

Andrea Lopez-Cepero, graduate student at the University of Puerto Rico-MSU was awarded the FASEB MARC Poster/Platform

(Oral) Presenter Travel Award for Experimental Biology 2015. She presented the following posters: Micronutrient intake in children in Puerto Rico and the contribution of dietary supplement use. Presented at Experimental Biology, Boston MA, March 2015; Comparisons of obesity and dietary patterns between Puerto Ricans from the Latino Health and Well-being study in Lawrence-MA and

Ponce-PR. Presented at the Annual Medical Sciences (UPR) Forum, San Juan, March 2015.

Cristina Palacios, Associate Professor in the Nutrition Program at the Graduate School of Public Health, Medical Sciences Campus, University of Puerto Rico, was invited by the World Health Organization to present the results of a Cochrane meta-analysis "Vitamin D Supplementation in Pregnancy" presented at the Vitamin D Workshop 2015 in Delf, The Netherlands. She also recently published the following papers: High Prevalence of Overweight and Obesity among a Representative Sample of Puerto Rican Children. BMC Public Health; Vitamin D status is inversely associated with obesity in a clinic-based sample in Puerto Rico. Nutrition Research.



United States

East

From the Beltsville Human Nutrition Center

Paul Coates, Pamela Pehrsson and Karen Andrews

announce the 3rd release of the Dietary Supplement Ingredient Database (DSID), which provides access for the first time to analytically-validated estimates of ingredient content and variability for non-prescription prenatal multivitamin/minerals (MVMs) and omega-3 fatty acid supplements. The DSID-3 also updates ingredient estimates for adult and children's MVM products.

USDA Nutrient Data Laboratory scientists have been monitoring commercially processed and restaurant foods in the U.S. since 2010, in partnership with CDC. A paper, "Sodium monitoring in commercially processed and

restaurant foods," providing an overview of the program was published in the March issue of *The American Journal of Clinical Nutrition*. A dataset tracking sodium and related nutrients (potassium, total and saturated fat, total sugar, dietary fiber) will be available in summer on the Nutrient Data Laboratory website for use by researchers, dietitians, epidemiologists and food manufacturers. Implementation of the monitoring program and release of sodium values on the internet will improve tracking of sodium reduction efforts and help public health officials plan future strategies.

USDA Standard Reference Database Search Program

The online search program accessing the USDA National Nutrient Database for Standard Reference received over 2.5 million visits in the last year, representing over 1.5 million unique users. Fifty-nine percent of the users were from the United States; 5% came from Canada and the remaining 36% were from 205 other countries around the world. In addition to the Standard Reference database, the search program accesses Special Interest Databases on flavonoids. The search program provides users with data

on over 8,600 generic and brand name foods for nearly 200 nutrients/components and can be accessed at: <http://ndb.nal.usda.gov>.

From the Institute of Human Nutrition, Columbia University Medical Center

Sharon Akabas, PhD, Mary DiGiorgi, MPH, PhD, Marie-Pierre St-Onge, PhD, and Xavier Pi-Sunyer, MD, MPH co-directed the IHN's Obesity Course, April 22 – 26, 2015, in conjunction with the American Board of Obesity Medicine. Two hundred health professionals attended the 5-day course that included faculty from Columbia University and NY-Presbyterian Hospital and other renowned guest lecturers. This well-received course provided CME credits for health professionals and preparation to physicians for the ABOM exam.

Sharon R. Akabas, Erin E. Paxson, Regan Bailey, Shilpa Saklani, Katherine L. Tucker presented 'Use of NHANES Data to Identify Groups Vulnerable for Inadequate Micronutrient Intake' at the Experimental Biology Meeting in Boston, April 2015.

Submitted by Shelley Weinstock, PhD

From NIH ODS

Three ODS members spoke at the 2015 John A. Milner Nutrition and Cancer Prevention Research Practicum, at the National Cancer Institute, Rockville, MD, in March. **Johanna Dwyer** spoke on "Polyphenols and Cancer Prevention;" **Cindy Davis** spoke on "Vitamin D and Cancer Prevention;" and **Kathryn Camp** spoke on "Nutrigenomics: Ethics, Social, and Public Health Issues."

Paul Coates gave a talk to the Cornell University Division of Nutritional Sciences in April in Ithaca, NY, titled "(How) Can You Incorporate Evidence into Policy for Nutrition and Dietary Supplements." **Cindy Davis** gave a talk at Johns Hopkins University, Baltimore, in March titled "Dietary Supplements and Chronic Disease Prevention." **Barbara Sorkin** gave two presentations at Texas A&M University in March, "Botanical Dietary Supplements Research Challenges: NIH Updates," and "The Polyphenol Puzzle."

Rebecca Costello co-presided at a nutrition session at the Southern Society of Clinical Investigation (SSCI) meeting in February in New Orleans, and she presented the poster, "New National Institutes of Health Dietary Supplement Label Database Can Aid Search for Ingredient Information," co-authored by **Leila Saldanha, Johanna Dwyer, Richard Bailen, Regan Bailey, and Joseph Betz**.

Johanna Dwyer, Leila Saldanha and Joseph Betz are co-authors on the March *Journal of Food Science* article, "Feasibility of including green tea products for an analytically verified dietary supplement database." **Johanna Dwyer** is a co-author on the April *AJCN* article,

"Recommendations on reporting requirements for flavonoids in research." **Cindy Davis** is a co-author on the April *PloS One* article, "The 15kDa selenoprotein and thioredoxin reductase 1 promote colon cancer by different pathways." **Christopher Sempos** and **Joyce Merkel** are co-authors on the article, "Significance of serum 24,25-dihydroxyvitamin D in the assessment of vitamin D status: a double-edged sword?" published in *Clinical Chemistry* in February. **Christopher Sempos** is a co-author on an April *Journal of Nutrition* article, "Estimating the population distribution of usual 24-hour sodium excretion from timed urine void specimens using a statistical approach accounting for correlated measurement errors."

Christopher Sempos attended the Food-Based Solutions for Optimal Vitamin D Nutrition and Health Through the Life Cycle (ODIN) planning meeting in Helsinki, Finland, in February. ODIN is an EU-wide effort to evaluate vitamin D status throughout EU member states. ODS, through the Vitamin D Standardization Program (VDSP), is collaborating on this project. The ODS/VDSP planning group is leading and directing the effort to standardize the measurement of 25(OH)D and is a member of executive management board for ODIN and the ODIN scientific advisory board.

From the Graduate Program in Nutritional Sciences at The Pennsylvania State University

Catherine Ross gave a talk "Application of a Key Events Dose-Response Analysis to Nutrients," at the NIH Office of Dietary Supplements Workshop, Options for Consideration of Chronic Disease Endpoints for Dietary Reference Intakes (DRIs), held in Bethesda, MD, March 10-11, 2015.

Gordon Jensen presented on Overweight and Obesity in the Aged – PA Department of Aging Nutrition Conference – Harrisburg, PA.

Barbara Lohse presented at UW-Madison, Nutritional Sciences department seminar April 9, 2015 entitled: Eating Competence: An evidence-based construct aligned with public health goals but incongruent with US Dietary Guidance. She has accepted the position as Head of Wegmans School of Health and Nutrition at the Rochester Institute of Technology, Rochester NY starting in the summer of 2015. She was elected to the Board of Directors for the Society of Nutrition Education & Behavior.

Rocky Mountains/Great Plains

USDA/ARS Children's Nutrition Research Center in Houston

Teresa A. Davis, Professor of Pediatrics at the USDA/ARS Children's Nutrition Research Center at Baylor College of Medicine spoke on "Animal Nutrition Research Opportunities to Improve Human Health" at the National Animal Nutrition Program Summit held at the National

Press Club in Washington, D.C. in March. She also presented an invited lecture on “Leucine Supplementation to Improve the Efficiency of Utilization of Dietary Protein for Lean Growth” at the David Baker Symposium at the Midwest American Society of Animal Science meeting in Des Moines, IA in March.

Department of Food Science and Human Nutrition at Colorado State University

Marisa Bunning received a grant from The One Health Information Flow program for work entitled “Examining food supply chains using a one health approach.” **Susan Baker** received *The Journal of Nutrition Education and Behavior’s* Gold Author Recognition Award for frequent high quality publications over the last 10 years. Eric Milholland received the Alumni Association Outstanding Teaching Award. **Kimberly Cox-York** received the Interdisciplinary Award from the College of Health and Human Sciences. The 36th Annual Lillian Fountain Smith Conference for Nutrition Educators will be held on June 4 – 5, 2015 at the Hilton Hotel in Fort Collins, Colorado.

Department of Nutrition and Exercise Physiology at the University of Missouri, Columbia

Jill Kanaley has been selected as a 2015-2016 Jefferson Science Fellow with the US Department of State. This Fellowship program was established to engage the American academic science, technology, engineering and medical communities in the formulation and implementation of U.S. foreign policy. **Miriam Jacome-Sosa** from the Parks Lab presented her research in the ASN postdoctoral fellowship competition at EB. Miriam has also been chosen as a participant in the 2015 class of the Dannon Leadership Institute. **Elizabeth Parks** presented a talk entitled, “In vivo quantitation of intracellular TAG assembly in humans,” at the Keystone Symposia on Fatty Liver Disease in Whistler, BC.

Department of Nutrition and Health Sciences at the University of Nebraska-Lincoln

The Nebraska Center for Obesity Prevention has hired Dr. Aktar Ali from UT Southwestern as the director of its core facilities. **Inhae Kang** won third place at the ASN graduate student poster competition, and **Tovah Wolf** was a finalist. **Dr. Janos Zemleni** delivered an invited presentation on the biological activities of dietary microRNAs at Oregon State University in Corvallis. He also attended a microRNA “Committee on Institutional Cooperation” workshop at the Ohio State University, designed to foster collaborations between U.S.-based and Brazilian scholars. Drs. Qiaozhu Su and Janos Zemleni attended the IDeA State meeting in Grand Forks, ND.

Department of Nutritional Science at Oklahoma State University

Dr. Deana Hildebrand received \$81,302 from the Oklahoma State Department of Education for the project

“Cooking for Kids: School Nutrition Culinary Training.” Dr. Daniel Lin received a grant of \$149,998 from the United States Department of Agriculture for the project “Egg Xanthophylls Prevent Chronic Inflammation in Type 2 Diabetes” to evaluate if whole egg dietary intervention prevents chronic inflammation in type 2 diabetics. Drs. Stephany Parker and Janice Hermann received supplementary funds of \$353,065 from the Chickasaw Nation for the project “Chickasaw Nation Social Marketing, Evaluation, and Tribal Support” to develop and implement the Get Fresh! social marketing campaign. Gail Gates, PhD, RD, FAND, Regents Service Professor, has been chosen as the “Outstanding Dietetics Educator” in a Dietetic Internship in Region 4, and Carol Beier, PhD, was chosen as the “Outstanding Dietetics Educator” in a Didactic Program In Dietetics for the Oklahoma Academy of Nutrition and Dietetics Region 4.

The Department of Nutrition and Food Science at Texas A&M University

The Department’s seminar series included presentations by: **Dr. Wendy Demark-Wahnefried** from University of Alabama at Birmingham; **Dr. Jesse Gregory** from University of Florida; Dr. Yves Desjardins from Universite Laval; Dr. Liangyou Rui from University of Michigan; Dr. Ernesto Perez-Chanona from University of Florida; Dr. Mary Sorci-Thomas from Wake Forest University; and Dr. Paul Bernstein from University of Utah. **Dr. Nancy Turner** presented a talk entitled “The smallest astronauts: How does the space environment impact them?” during the Exercise Physiology Seminar Series at Texas A&M University on April 27. She also gave a presentation on “Suppression of intestinal disease through dietary interventions” to the Department of Veterinary Pathobiology at Texas A&M University on May 26. **Robert S. Chapkin** presented the following invited talks: “Diet-derived bioactive agents: Role in chemoprevention,” at the Department of Human Health and Nutritional Sciences Department, University of Guelph, Guelph, Ontario, Canada, November 24, 2014; “Non-invasive strategies to define intestinal host responses in the human infant” at the Children’s Environmental Health Network Meeting, UT Austin, February 6, 2015; and “Diet, gut microbiology, and host phenotype relationships: Non-invasive strategies to assess functional interactions in the human infant,” at the Gut Microbiota for Health World Summit, Barcelona Spain, March 14, 2015. He also presented the 27th Annual Virginia A. Beal lecture entitled “Winning the chemoprevention war: Reducing inflammation through nutrition,” at the University of Massachusetts-Amherst, April 21, 2015.

Submitted by Elizabeth Parks
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North

From University of Minnesota:

Carrie P. Earthman has been promoted Associate Professor to full Professor.

In April, Mindy Kurzer presented on the Minnesota Food Charter at the 38th Annual National Food Policy Conference, Washington, DC.

From Iowa State University:

Diane Birt, Distinguished Professor in the Department of Food Science and Human Nutrition, retired at end of 2014. In addition, she was named a Fellow of the American Society of Nutrition at its annual meeting in Boston in April.

Wendy White received the Career Achievement in Teaching from the College of Human Sciences.

Donna Winham is a member of the International Year of Pulses subcommittee on Nutrition and Food Security to promote research presentations on pulses at national and international conferences over the next two years.

On April 22, John Patience hosted an international symposium on "The Utilization and Metabolism of Fat in Swine Diets: Implication for Feed Efficiency" with about 80 registrants on the Iowa State University campus.

From Ohio State University:

Neal Craft, Craft Technologies, Inc., received an Award of Distinction for his professional success and long term service to his local community from the College of Education and Human Ecology's Alumni Association on May 1.

Carolyn Gunther presented an invited seminar on April 29 at Iowa State University titled, "Developing and Testing Innovative Approaches to Improving Calcium Intake in College Students."

Tonya Orchard gave a presentation on May 5 at the American Oil Chemists Society Annual Conference in Orlando, Florida titled, "Testing a Mixture of Fats and Oils for Use as a Placebo in Clinical Trials." She also received the Outstanding Research Dietitian award from the Ohio Academy of Nutrition and Dietetics on May 14.

Mark Failla was honored at the 2015 Experimental Biology Meeting as an ASN Fellow.

Steve Schwartz received the 2015 Distinguished Senior Faculty Research Award from the Ohio Agricultural Research and Development Center at the Ohio State University.

Amanda Bird has been appointed to the editorial board of the Journal of Nutritional Biochemistry.

Richard Bruno was invited to present his work "Postprandial Hyperglycemia-Mediated Vascular Endothelial Dysfunction" at Experimental Biology (Boston, MA) as part of the "Determinants of Disease Risk in the Postprandial Period" symposium.

From University of Michigan:

On February 4 A. Roberto Fisancho, Emeritus Arthur F. Thurnau Professor of Anthropology & Research Professor of the Center for Human Growth & Development, University of Michigan, Ann Arbor, MI and the Lifetime Charles Darwin awardee gave the Keynote Lecture ("Charla Magisterial") at the International Congress of High Altitude Medicine in Puno, Peru ("Congreso Internacional de Medicina de Altura") entitled "Estrategias Adaptativas a la Altura en los Andinos y los Tibetanos: Una Interpretación: Bio-Antropológica."

From Division of Nutritional Sciences, University of Illinois at Urbana:

The Division of Nutritional Sciences spring seminar series focused on "Gut Microbiome, Nutrition and Health." The seminar series was organized by Sharon Donovan and included the following invited speakers: John Cryan (Department of Anatomy and Neuroscience, University College, Cork, Ireland); Laura Cox (New York University, Langone Medical Center); Suzanne Devkota (Joslin Diabetes Center, Harvard University); Josef Neu (University of Florida) and Emma Allen-Vercoe (Department of Molecular and Cell Biology, University of Guelph).

On March 19, 2015, Michael Grandner (Department of Psychiatry, University of Pennsylvania) was the keynote speaker at the Division of Nutritional Sciences' "Nutrition Symposium 2015," which was organized by the NS Graduate Student Association. Dr. Grandner's presentation was entitled "What do we Know About the Relationship Between Diet and Sleep? Data From Population and Laboratory Studies." The event also included a mini-symposium: "Nutritional Sciences: Impacting Health at Every Age," which featured presentations from the following DNS faculty: Karen Chapman-Novakofski, Sharon Donovan, Yuan-Xiang Pan and Margarita Teran-Garcia.

Juan Andrade traveled to Uganda to visit with collaborators at the School of Food Technology, Nutrition & Bio-Engineering in Makerere University to collect data and give a lecture on food and nutrition security and the role of industry to address micronutrient gaps. Dr. Andrade also traveled to India to jumpstart a collaboration with Dudhsagar Dairy, one of the largest dairy cooperatives in India, to design feasible vehicles for the fortification of dairy products with vitamin D and A, especially for those products in high demand among low-income populations.

Rex Gaskins chaired the annual Society for Experimental Biology and Medicine symposium “Training the Mind of an Interdisciplinary Scientist” at Experimental Biology 2015 on March 29th and gave a keynote lecture at the 4th EMBO Workshop on Microbial Sulfur Metabolism in Helsingor, Denmark in April.

Rodney Johnson presented “Brain and Cognitive Development in a low Iron Environment,” as part of the International Congress Hidden Hunger in Stuttgart, Germany.

Kelly Swanson gave the following invited presentations: “Plasma Metabolomics: Application to Canine Obesity,” as part of the 2015 Nestle Purina Companion Animal Nutrition Summit in Barcelona, Spain and “Companion Animal Microbiomes,” as part of the 5th International Human Microbiome Consortium (IHMC) Congress in Luxembourg City, Luxembourg.

The College of Agricultural, Consumer and Environmental Sciences (ACES) recognized the following Division faculty at its awards banquet on April 13th, 2015: Karen Chapman-Novakofski received the Faculty Award for Global Impact, Elvira de Mejia received the Paul A. Funk Recognition Award, and Soo-Yeun Lee received the Senior Faculty Award for Excellence in Teaching. DNS alum Susan Johnson was recognized with the ACES Alumni Association Award of Merit. The STRONG KIDS (Synergistic Theory and Research on Obesity and Nutrition) and I-TOPP (Illinois Transdisciplinary Obesity Prevention Program) teams were honored with the ACES Team Award for Excellence. DNS members who are on the STRONG KIDS or I-TOPP research teams include: Sharon Donovan, Diana Grigsby-Toussaint, Craig Gundersen, Jessica Hartke, Chuck Hillman, Rodney Johnson, Soo-Yeun Lee, Brent McBride, Margarita Teran-Garcia and Donna Whitehill.

The Division welcomed five new faculty into membership in May: Ruopeng An, Department of Kinesiology and Community Health; Sayeepriyadarshini Anakk, Department of Molecular and Integrative Physiology; CheMyong Jay Ko, Department of Comparative Biosciences; Zeynep Madak Erdogan, Department of Food Science and Human Nutrition; and Erik Nelson, Department of Molecular and Integrative Physiology.

Submitted by Darlene Berryman
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Southeast

East Carolina University

Kathy Kolasa participated in a roundtable at USAID on agricultural policy for improved nutrition in Africa and Asia (December 2014). She served as reviewer for the Human Nutrition Program at Qatar University (April 2015). She

represented the Academy of Nutrition and Dietetics at the Institute of Medicine’s Global Forum on Innovations in Health Professions Education (April 2015).

Georgia State University

Dan Benardot presented at the FIFA Sports Nutrition Certification Workshop in Mexico City, Mexico on Jan 23 – 24, 2015. He also presented at the 8th Annual Emory University Sports Medicine Symposium in Atlanta on “Eating for Performance – Is Your Diet Helping You?” Benardot was recently reappointed to the Olympic and Paralympic Committee for the American College of Sports Medicine. Professor Barbara Hopkins was elected to the board of Accreditation Council for Education in Nutrition and Dietetics (ACEND). She also received the Byrdine F Lewis School of Nutrition and Health Professions Faculty Teaching Excellence Award, 2014-15.

Anita Nucci was promoted to Associate Professor with tenure at Georgia State University and appointed as Adjunct Assistant Professor of Pediatrics at the Emory University School of Medicine. The Department of Nutrition hosted Dr. Alex Anderson, Associate Professor in the Department of Foods and Nutrition from the University of Georgia on April 8, 2015. His seminar was “Pregnancy Body Composition Changes, Mode of Infant Feeding, and Childhood Obesity.”

Pennington Biomedical Research Center

Steven B. Heymsfield received the Robert H. Herman Memorial Award given each year to a clinical investigator whose research work has contributed importantly to the advancement of clinical nutrition, particularly the biochemical and metabolic aspects of human nutrition. Also, Dr. Heymsfield gave the McCay Lecture at Cornell University, the 150th Anniversary, on April 27, 2015.

John W. Apolzan was a State-of-the-Art Speaker who presented, ‘Effect of Dietary Constituents on Physical Activity and Energy Balance’ at the Southern Society for Clinical Investigation (SSCI) Regional Meeting Nutrition Symposium which was co-sponsored by ASN on February 28, 2015.

University of North Carolina at Greensboro

Dr. Cheryl Lovelady has been named the Lake Simpson Dickson Distinguished Professor (known as the Dickson Distinguished Professor) effective July 1, 2015. The professorship was originally established with a gift from The Dickson Foundation whose intention was to honor Mrs. Lake Simpson Dickson, who graduated from The State Normal and Industrial College in 1919.

Danielle Nunnery, PhD student (Mentor: Jigna Dharod), received the 2015 ASN-MARC Travel Award to present her doctoral dissertation research at the Experimental Biology Meeting in Boston, MA. The title of her presentation was:

Prenatal Food Insecurity: How is it Related to Pregnancy and Birth Outcomes among Low-income Women. **Wan Shen**, PhD student (Mentor: Michael McIntosh), received the 2015 HHS Outstanding Graduate Student Award for the Department of Nutrition.

Leanne King received the 2015 HHS Outstanding Senior Award for the Department of Nutrition. **Rose Ewald**, senior (Mentor: Lauren Haldeman), was a second place winner in the 2015 Thomas Undergraduate Research and Creativity Expo sponsored by the UNCG's Undergraduate Research, Scholarship and Creativity Office. The title of her presentation was: *Hypertension in Low-Income, Immigrant and Minority Adolescents*. Darius Bennett, sophomore, was selected for one of the eight 2015 Summerchise

Internship Programs in Nome, Alaska. Leanne King and Elisa Smith, seniors, were awarded the 2015 Lloyd International Honors College Student Excellence Award. This award is given to UNCG Seniors for the superior demonstration of creativity and originality; analytic and critical thinking skills; and the ability to communicate orally and in writing.

Southeast is seeking a new editor to collect information. Email sprice@nutrition.org to volunteer. We extend our gratitude to Debbie Kipp for her commitment the past several years.

Submitted by Debbie Kipp
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President's Column

continued from pg. 1

Oversight Committee. We need full engagement, and I urge you to respond to the annual Call for Volunteers.

Over the next year, we plan to continue advancing the exciting vision and initiatives of our past-presidents, and take on 5 new initiatives that include: 1) *Strengthening ASN Linkages with Academic Departments*, especially in the areas of undergraduate education; 2) *Develop Global Regional Graduate Student Organizations* through the GNC to provide a welcoming environment for our international students studying in universities outside their home countries; 3) *Expand ASN as a Global Authority in*

Nutrition with Greater Visibility and Impact by serving as a platform for debate and discussion of the role of science in addressing our most pressing public health challenges; 4) Respond to the changing landscape of nutrition research by *Balancing the ASN Portfolio among Basic, Clinical, Public Health and Global Health Nutrition* and finally 5) Initiate Strategic planning for ASN 2028: 100 Years of ASN – Honoring our Tradition while Furthering our Mission.

I look forward to working with each of you; please feel free to reach out to me (pjs13@cornell.edu) and the ASN staff at any time by phone, email or in person!

ASN Supports Nutrition in China, *continued from pg. 7*

management of obesity. Finally, I co-organized a clinical case demonstration symposium with the Chinese Nutrition Society.

Why is it so important to reach the Chinese audience?

As we know, obesity and diabetes are prevalent in Asia but in China, there is not much of a clinical element to combat it – there is no registered dietitian system, and very few physicians are trained in nutrition. So there is a need to help them be better equipped to deal with their problem. ASN is really providing support for Chinese scientists, from the bench research to clinical research. We're helping show them how to get their work published and recognized internationally, organize community interventions and identify the right policies to deal with obesity and type 2 diabetes. We are also helping them start education programs. We're truly guiding them to achieve the ultimate goal, which is that physicians should

be able to write three kinds of prescriptions – not just a pharmacological therapy but also a nutrition prescription and an exercise prescription.

How is ASN becoming a global leader?

ASN, with its premiere leaders and scientists, is providing something crucial for not just the U.S. but for the global population as well. That is to say, it is really a unifying organization that is bringing scientists, from basic research to clinical research, public health advocates, and policy makers together, with the goal of having everyone under one tent in order to truly address the nutrition challenges we're facing and quickly translate that into something useful and practical for the entire population. I think ASN is really providing leadership in the global nutrition effort – it's not concerned with just Americans or North Americans. What we're trying to do globally is something that should be emphasized more. It's something we all should be working on.

Principles Announced to Guide Research Public-Private Partnerships

Organizations representing more than 95,000 scientists unveiled a framework for food, nutrition, and health research public-private partnerships in June. This initiative was led by ASN through a cooperative agreement with the USDA Agricultural Research Service. “The goal of establishing these partnerships is to create a collaborative environment to maximize cross-disciplinary expertise among government, academia and industry researchers,” said co-author Sylvia Rowe, President of SR Strategy. The principles aid the partnerships in determining when and how to establish and operate successful partnerships. They were developed with widespread consensus from individuals representing academia, government agencies, professional societies, research organizations, and industry.

Speakers Drs. Catherine Woteki, USDA Chief Scientist, Under Secretary, and J. Michael McGinnis, IOM Senior Scholar, urged sharing of the principles and using them to their fullest. Woteki emphasized that the principles are transferable into other areas of science beyond nutrition and food. Other speakers included ASN President Patrick Stover; NAS Director, Government-University-Industry Research Roundtable, Susan Sloan; Director, Food and Nutrition Board, Institute of Medicine, Ann Yaktine; IFT President Mary Ellen Camire; AND Past President Sonja Connor; and ILSI Executive Director Eric Hentges.

The publicly-available principles address integrity and promote public health in the conduct of food and nutrition research collaborations among public, nonprofit, and private sectors. They are:

1. Have a clearly defined and achievable goal to benefit the public.
2. Articulate a governance structure including a clear statement of work, rules, and partner roles, responsibilities, and accountability, to build in trust, transparency, and mutual respect as core operating principles—acknowledging there may be “deal breakers” precluding the formation of an effective partnership in the first place.



Dr. Patrick Stover (right) gives ASN's comments.



Catherine Woteki, USDA, spoke at the event.

3. Ensure that objectives will meet stakeholder partners' public and private needs, with a clearly defined baseline to monitor progress and measure success.
4. Considering the importance of balance, ensure that all members possess appropriate levels of bargaining power.
5. Minimize conflict of interest by recruiting a sufficient number of partners to mitigate influence by any single member and to broaden private-sector perspectives and expertise.
6. Engage partners who agree on specific and fundable (or supportable through obtainable resources) research questions to be addressed by the partnership.
7. Enlist partners who are committed to the long term as well as to the sharing of funding and research data.
8. Along with government and the private sector, include academics and other members of civil society (e.g., foundations, NGOs, consumers) as partners.
9. Select objective measurements capable of providing common ground for both public and private-sector research goals.
10. Adopt research questions and methodologies established by partners with transparency on all competitive interests, ideally in the precompetitive space.
11. Be flexible in implementing the PPP process.
12. Ensure ongoing transparent communications both among partners and between the PPP and the public.

The full set of principles were published under, “Achieving a transparent, actionable framework for public-private partnerships for food and nutrition research,” in the June issue of *AJCN*. The various stakeholders met in December 2014 to reach consensus and have agreed to reconvene periodically to reassess the public-private partnership principles.

Meet ASN's 2015-2016 Bloggers

Congratulations to the newly selected bloggers for the next year! These bloggers will be writing posts that reflect on the current state of nutrition science, trends, and gaps, as informed by their own positions within universities or as early career scientists. Follow their journeys at www.nutrition.org/blog.

Alex Coots, Cornell University; doctoral student

Hassan Dashti, Brigham and Women's Hospital;
dietetic intern

Allison Dostal, University of Minnesota; postdoctoral fellow

Caitlin Dow, University of Colorado-Boulder;
postdoctoral fellow

Amber Furrer, Purdue University; early career

Emma Partridge, University of Washington;
Master's student

Chris Radlicz, Columbia University; Master's student

Emily Roberts, Pennsylvania State University; early career

Mary Scourboutakos, University of Toronto;
doctoral student



Mary Scourboutakos (left) and Mary Christoph (right) provided live video coverage of the ASN Scientific Sessions in Boston via the YouTube channel.

ASN Announces Joint ASN/CNS Membership Program

ASN and the Canadian Nutrition Society (CNS) have introduced a new joint membership offering that provides ASN's nutrition colleagues in Canada with the opportunity to belong to both ASN and CNS at special discounted dues rates. ASN/CNS Joint Members will receive full access to ASN and CNS member benefits (including discounted registration rates to CNS conferences, online access to *Applied Physiology, Nutrition and Metabolism* and *Nutrition in Clinical Practice*, eligibility for special awards and more!)

The ASN/CNS Joint Membership is available to individuals based in Canada who meet the requirements for ASN's Student, Young Professional or Regular/Associate membership categories. Please visit www.nutrition.org/cns to learn more about ASN/CNS Joint Membership offering and become a dual member of ASN and CNS.



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Call for Abstracts

will be open in late summer 2015. All abstracts must be submitted by *Friday, November 6, 2015*

Entries for ASN Oral Competitions are also due upon abstract submission. Plan now to enter:

- **Clinical Emerging Leader Award Competition**, supported by the Medical Nutrition Council
- **Graduate Student Research Award Competition**, supported by the Nutritional Sciences Council
- **Postdoctoral Research Award Competition**, organized by the Young Professional Interest Group and endowed by DuPont Nutrition and Health
- **Young Minority Investigator Competition**, organized by the Minority and Diversity Affairs Committee and supported by DSM Nutritional Products

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Upcoming Events and Deadlines

July 19-24. FASEB Science Research Conference: **Origins and Benefits of Biologically Active Components in Human Milk.** *Organized by the Lactation RIS.* Big Sky, MT.

September 8. EB 2016 late-breaking proposals due.

September 9-12. **Diet and Optimum Health.** Corvallis, OR.

September 23-25. The XIX **Brazilian Congress of Nutrology** & Conference on Obesity and Metabolic Syndrome. Sao Paulo, Brazil.

October 2-3. **5th International Breast Cancer Prevention Symposium.** Guadeloupe.

December 2015. Advances and Controversies in Clinical Nutrition.