



Nutrition Notes

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EB 2006-SAN FRANCISCO

Hard as it is to believe and although the academic year has just begun, it is time to prepare for the society's annual meeting as well as for *EB2006* in San Francisco (scientific sessions will be presented at the Moscone Convention Center).



The abstract submission site (<http://submissions.miracd.com/eb2006>) will open in early September. Plan to prepare and submit your abstracts well in advance of the **deadline date** for submissions of November 2, 2005.

Society headquarters hotel will be the Argent (formerly the ANA) located at 3rd and Mission Streets within easy walking distance of the Moscone Convention Center.

You will be able to see the society preliminary program of sessions, symposia, controversy, minisymposia, special sessions on our website early in September (www.asns.org). Included in the program information will be our special events: Business Meeting, Awards Ceremony, Fellows Luncheon, Reception for the Membership and University Mixer and special lectures.

San Francisco, like San Diego, will draw a big crowd and hotel rooms will fill quickly. As soon as you have an opportunity to view the registration and hotel information on the FASEB website at: www.faseb.org (click on meetings, then on *EB2006*) you should plan to register early and make hotel reservations.

The Society office will be in the Argent Hotel. We will be pleased to see all of you.

MAINLY FOR MEMBERS

FROM THE EDITOR

Dear Colleagues,

I can't believe summer keeps speeding along and soon the fall semester will be underway! As one more heads up, remember that there are a number of deadlines coming up in the fall: FASEB 2007 summer conference proposals (September 20th), EB2006 abstracts (November), ASNS predoctoral fellowship applications (December 1st), and EB 2007 symposia proposals (January 15th).

I encourage you to think about organizing a symposium or conference in your area. Talk to your colleagues about your ideas, then submit a proposal! If you feel that your own research area is under-represented in meetings, this is your chance to make a difference!

As always, we encourage your comments as letters to the editor.

Neil Shay

Whatever Happened to Protein?

Popular discussion of nutrition these days almost always focuses on fats and carbohydrates in the diet, omitting any notice of how much protein the diet contains. It seems that today it is only body-builders and certain other athletes who pay attention to the protein in their diets.

It was not always so, however. From about 1820, when the French physiologist Francois Magendie had demonstrated that dietary protein (nitrogen) was essential for life, up until the recent focus on energy and weight management, protein was foremost in dietary considerations. After Magendie demonstrated that dogs could not live long when eating diets devoid of protein, Jean Baptiste Boussingault used horses and cows on his wife's farm to explore the question as to whether animals could use nitrogen from the air to meet a portion of their protein requirements. Conducting some of the first nitrogen balance studies in animals, Boussingault found that the nitrogen in the feed of horses and cows could account for all the nitrogen that they excreted; thus, there was no basis for postulating that they had assimilated nitrogen from the air.

Boussingault developed the idea that the nitrogen or protein content of a food was a good surrogate for its nutritional value.

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Editor
Neil Shay, University of Notre Dame, Dept of Biological
Sciences, Galvin Hall, Notre Dame IN 46556 email:
nshay1@nd.edu

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

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

MEMBER ALERT:

Abstract Submission Deadline for *EB 06*
November 2, 2005

IN MEMORIAM

J C Bauernfeind, Gainesville FL

Justus Liebig, a German chemist, carried the argument further
by suggesting that dietary protein was the only source for
replenishing blood, muscle and other "active" tissues, thus it
was the only true nutrient. Although experiments by others
greatly challenged Liebig's ideas, the rather "intuitive" nature
of his views secured their place in popular nutrition for years.¹

In the 20th century, work on protein quality helped to
maintain protein in the limelight of nutritional considerations,
although for a short time the exciting discovery of vitamin
after vitamin turned attention to trace nutrients, rather than
protein. Dietary recommendations during much of the 20th
century continued to focus first on the amount of protein the
diet should contain. In international nutrition during the mid-
part of the century, much effort was given to finding amino
acid sources that were balanced appropriately to meet the
needs of rapidly growing infants or rehabilitating malnourished
infants.

Gradually, however, attention has migrated to focus more
on the quantity of food available, with an emphasis on foods
that supply many nutrients per unit of energy. Foods that
contain primarily fat or carbohydrate are considered relative
to their putative contribution to body fat or weight
management, rather than to other nutrients they may contain.
In all of this protein, which was once the king of nutrients, has
been relegated to being "just one of the crowd" in popular
considerations.

*Contributed by Pat Swan
For the History Committee*

¹ For more about Magendie, Boussingault and Liebig and their
ideas about nutrition see: K.J. Carpenter (2003) A Short History
of Nutritional Science: Part 1 (1785-1885), *J. Nutr.* 133: 638-
645.

ASNS RECURRING DEADLINES-2005

September 1: ASNS awards nominations due at the
Secretariat

October 1: Fellows nominations due at the Secretariat

November 1: Deadline for submission of data for
December issue of *Nutrition Notes*

December 1: Predoctoral Fellowship applications due at
the Secretariat

MEMBER ALERT-EB 2007

The deadline for the submission of symposia/controversy/
forum/workshop proposals is January 15, 2006. The time
to begin to develop your proposals is NOW!!! For complete
information and details for submission please visit the
proposals link at: <http://www.asns.org/proposals2007.pdf>

The E.V. McCollum International Lectureship in Nutrition

The E.V. McCollum International Lectureship in Nutrition provides a means to encourage sound advancements in nutritional science and their application for improving the health and well-being of people worldwide and to commemorate the life and contributions of E.V. Mc Collum. An outstanding nutritionist will be invited to lecture on a topic consistent with the purpose of the lectureship in a location that will assure a large and broad audience. The lectureship is supported by the E.V. McCollum International Lectureship Endowment Fund and is administered under the direction of a five-member committee.

Former Lecturers:

1979-J. Mayer
1980-L.S. Hurley
1981-J. Matovinovic
1983-C.A. Finch
1985-E.M. Widdowson
1986- G.H. Beaton
1988-A. Sommer
1989-Q. Valyasevi
1991-P. Rosso

1993-J. Hautvast
1997-B. Underwood
P. Furst
A. Chavez
1999-R. Martorell
N. Scrimshaw
2000-R. Uauy-Dagach
2001-R. Black
2003-R.P. Heaney
2005-M. Wahlqvist

Committee:

R. Martorell, Chair
J. Rivera
C. Weaver
R. Stoltzfus
L.H. Allen

Former Iowa Dean of Ag and USDA Under Secretary of Food Safety Joins Mars, Inc.

Catherine Woteki, Dean of the College of Agriculture at Iowa State University since January 2002, and formerly Under Secretary of Food Safety at the U. S. Department of Agriculture, has accepted the position of Global Director of Scientific Affairs at Mars, Incorporated, located in McLean, VA. Paul S. Michaels, President of Mars, Incorporated has commented, "We are very pleased to welcome Dr. Woteki to Mars, Incorporated. She has advanced the scientific and public health agenda for this country in her many leadership roles within the US government and academia. We very much look forward to her translating her vision through the opportunity."

Prior to becoming Dean at Iowa State, she served as a senior research scientist at the University of Maryland, College Park, and professor of nutrition and food safety at the University of Nebraska. From 1997 to 2001, she was first Under Secretary for food safety in the U.S. Department of Agriculture. Dr. Woteki is active in several scientific organizations and is a fellow of the American Association for the Advancement of Science and a member of the Institute of Medicine.

RIS NEWS

There are presently 14 Research Interest Sections (RIS) of ASNS providing a mechanism for member interaction with scientists of similar research interest. They also provide a way for members to become involved in *Experimental Biology* meeting programming of both symposia and minisymposia, through submitting (with help from your RIS) and selection (via your RIS program representative and your RIS minisymposium representative). Many of the RIS also provide travel and poster awards for their student members. If you have not yet signed up for ecommunities, you are missing the opportunity to be a card-carrying member of one or more RIS. ASNS now works exclusively with ecommunities for membership in RIS, so even if a few years back you signed up

for a RIS, please go to the ASNS website (www.asns.org) and sign up for ecommunities and your RIS(s) of choice. To sign up for eCommunities:

1. Click ASNS Online on our Web site (www.asns.org)
2. Login: member number (e.g., 19421) If you have a four-digit member number, please put a "0" in front of the four digits. Forgotten your member number/member ID call Katie, 301-634-7052 or email at: mem@asns.org
3. Password: member number + your initials (EJ for Elizabeth Jeffery)
4. In Communities, select join group and set preferences (bottom right)
5. Click on subscribe for each RIS you wish to join (at no cost)

*Contributed by Elizabeth Jeffery
ASNS RIS Director*

Nutrition Education. Present your Nutrition Education research at these RIS minisymposia for EB '06:

- Nutrition Education and Youth Development Interventions, chaired by Sonya Jones
- Nutrition Education and Food Security, chaired by Barbara Lohse
- Nutrition Education and Food Guidance, chaired by Constance Geiger
- Nutrition Education for a Healthy Lifestyle, chaired by Taye Kennedy
- Nutrition Education and Chronic Disease Prevention, chaired by Cindy Fitch
- Nutrition Education and Culturally Relevant Materials, chair TBA
- General Nutrition Education. Chaired by Barbara Lohse

Abstracts may be submitted as early as August 31st, 2005; deadline for submission is November 2nd.

A formal arrangement has been made between the Nutrition Education RIS and the Society for Nutrition Education (SNE). At the invitation of the Nutrition Education RIS, the President of the SNE Board of Directors or designee shall be a liaison to the Nutrition Education RIS. The purpose of this liaison is to coordinate and collaborate on important nutrition education

and research information and issues and promote common goals. SNE is a premier organization in nutrition education and this collaboration will facilitate efforts to showcase nutrition education research at *EB*. Persons interested in knowing more about SNE and their annual meeting may visit www.sne.org.

Congratulations to Annalyn Skipper, the recipient of the Nutrition Education RIS Graduate Student Research Competition Award for 2005. Ms Skipper, a PhD candidate at the University of Nebraska presented *A model of advanced medical nutrition therapy practice*. You can reach Annalynn at her email address: Annalyn_Skipper@comcast.net.

Contributed by Barbara Lohse
Chair, Nutrition Education RIS
and Barbara Sutherland,
Chair-Elect

Community and Public Health Nutrition (CPHN). It is my great honor to start the second year of my two-year term as RIS chair. I'm very grateful for all the support that I received from Grace Marquis (past-chair) and Sonya Jones (communications officer) during this past year. I'm looking forward to continue working with them and with our chair-elect, David Pelletier. We are very excited about the upcoming *EB2006* symposia, minisymposia, and poster sessions organized by our RIS. For your *EB2006* abstract submissions please look up for our two RIS topic categories "Community and Public Health Nutrition Interventions" and "Diet, Food Security, and Health Promotion in Diverse Communities". This year we will hold again our very successful graduate student and postdoctoral extended abstract competitions. Details will be announced in our December ASNS Notes RIS column. Please plan to attend our two *EB2006* symposia entitled "Evidence Based Public Nutrition: An Evolving Concept" (chairs: Rafael Pérez-Escamilla and Janet King) and "Nutrient-Gene Interactions: Implications for Public Health and Policy" (chairs: David Pelletier and Steven Zeisel). I hope to see you all in San Francisco at these exciting sessions. Please provide us with *EB2007* symposia ideas. The RIS executive committee will be happy to work with you and provide examples of successful proposals. Please remember that symposia proposals for *EB2007* will be reviewed by the ASNS Scientific Program Planning Committee in January 2006. I strongly recommend our RIS members to read the article entitled "The Nutritional Phenotype in the Age of Metabolomics" (Zeisel et al. *J Nutrition* 2005;135:1613-1616). This interdisciplinary conceptual article was written by the ASNS Long Range Planning Committee and is likely to influence the way our society moves forward in the years to come. Please send information that you would like to share with the rest of the RIS to Sonya Jones (sonyaj@utk.edu)

Contributed by Rafael Pérez-Escamilla
Chair, Community and Public Health Nutrition RIS
rafael.perez-escamilla@uconn.edu

Vitamin and Minerals. I am looking forward to working with VMRIS in the upcoming year as the Chair. I would also like to welcome other members of the committee: Maret Traber, Chair-elect from Oregon State University (maret.traber@oregonstate.edu), Richard Cotter, Secretary-Treasurer from Wyeth Consumer Health Care (cotterr@wyeth.com); and Amy Proulx, student representative from Iowa State University (aproulx@iastate.edu). We strongly encourage your contributions and look forward to your active participation. Each year, we are involved in submitting a symposia proposal for consideration at *EB*.

organizing a student poster competition held in conjunction with our business meeting, as well as obtaining financial support for these two activities. This year, we are sponsoring the controversy session entitled **Vitamin E Research: Controversies Between Basic Research and Clinical Trials**, chaired by Ishwarlal (Ken) Jialal. The session will highlight the health benefits and risks of vitamin E supplements.

We had a successful student/post-doctoral poster competition at *EB05* and our many thanks to the wonderful judges. We are looking for volunteers to judge the *EB06* poster competition. Four judges are needed, representing two for minerals, and two for vitamins. We do appreciate your willingness to serve as a judge and please email Maret Traber if you are interested. Judges' involvement includes reviewing 10-15 abstracts, judging, and selecting the top three posters for awards before the business meeting. Students and post-docs are again encouraged to submit abstracts for competition at this year's meeting in San Francisco, CA. During the past years many interesting posters have been presented, and through the generosity of various donors, we have provided monetary awards to the winning posters.

Please consider submitting proposals for *EB07* symposia on topics of interest to our membership. While the January 15, 2006 deadline seems far away, the symposia most likely to be accepted by the *EB* organizing committee are well prepared with tentatively confirmed speakers. This endeavor takes time but to have an excellent symposium is worth the effort.

Contributed by Manju B. Reddy
Chair, VMRIS
mbreddy@iastate.edu

ISRHML/Human Milk and Lactation. The Human Milk and Lactation RIS activities are planned in coordination with the International Society for Research on Human Milk and Lactation (ISRHML). Our RIS members are encouraged to consider applying for membership to ISRHML (see the web site <http://www.isrhml.org.umu.se/>) to participate in the international lactation meetings. The ASNS/ISRHML members who are not members of the Human Milk and Lactation RIS (and there are many of you in this category) are urged to join the RIS. Your presence in the RIS contributes to the planning of stimulating scientific programs for the *EB* meetings and assures a continued interest in lactation research at *EB*. ISRHML and the RIS both are enriched by the involvement of graduate students and post-doctoral fellows. Each year we announce travel awards to those young scientists who are members to assist them in attending the *EB* and ISRHML international meeting. Please have your students and post-docs apply for membership and encourage them to submit their abstracts to the lactation-related mini- symposia sections for *EB 2006*. Your and their active participation will assure a broad range of presentations and a rich discussion at the next meeting.

Contributed by Grace Marquis
Chair, Human Milk and Lactation RIS

Nutrient-Gene Interaction. The membership of the Nutrient-Gene Interaction RIS thanks Neil Shay, University of Notre Dame, for his leadership as the NGI-RIS Chair for 2004-2005. Neil initiated a number of innovations during his tenure, such as co-organizing with Susan Hutson, the past Chair of the Energy Macronutrient and Metabolism RIS, a joint poster session of the two RIS groups at the 2005 *EB* meeting. This poster session was a big success and was enjoyed by all in attendance. Many members of the NGI-RIS participated in the Tucson FASEB Summer Conference on "Nutrient Control of

Gene Expression and Signaling” organized by Howard Towle, University of Minnesota, and Naima Moustaid-Moussa, University of Tennessee. We want to thank Howard and Naima for their dedication in putting together such a terrific program.

With regard to scientific meetings, there is an upcoming deadline of January 15 for submission of symposia proposals for the 2007 EB meeting to be held in Washington DC, April 28-May 2, 2007. We would certainly like to have several that pertain to nutrient control of organ function and cellular processes, so present members of the NGI-RIS (and those who should be, you know who you are) are encouraged to propose a topic. As a way to get know a colleague from another institution or to develop a collaboration, ask them to co-chair the session with you!! When you suggest a topic, please let me know as well (mkilberg@ufl.edu) so that I can help in any way possible. The NGI-RIS membership defines “nutrient-gene interactions” in the broadest sense.

We want to encourage anyone interested in the influence of nutrition or specific nutrients (micro, macro, and everything in between) on gene expression; RNA metabolism, protein synthesis/function/turnover, and any other cellular and molecular functions within the cell, to log on to ASNS-Online and subscribe to the NGI-RIS group. Also, please make sure that your electronic subscription to the NGI-RIS Group is functioning so that you receive our email notices throughout the year.

Thank you for continuing to support the NGI-RIS. I look forward to enjoying participation at a number of scientific events with you during the next year.

Contributed by Mike Kilberg,
2005-2006 NGI-RIS Chair
mkilberg@ufl.edu

Nutritional Immunology. Thanks to the efforts of several of our members we have two Symposia scheduled for EB06 – *Dietary lipids and cell membrane structure/function in immunity and inflammation* co-chaired by Robert S. Chapkin and David N. McMurray of Texas A & M, and *A stimulating conversation: dietary factors, epithelial cells and the immune system in carcinogenesis* co-chaired by Norman Hord of Michigan State, Susan Percival of the University of Florida and Kevin Fritsche from the University of Missouri. The latter symposium is co-sponsored with the Diet and Cancer RIS and should provide some excellent ideas for our members to use in applying for grant funds via NCI’s latest nutrition-related Program Announcement, *Diet-Induced Changes in Inflammation as Determinants of Colon Cancer*. See it on the web at <http://grants.nih.gov/grants/guide/pa-files/PA-05-125.html>. In addition, when you are writing your abstracts for EB06 don’t forget to select our nutritional immunology Minisymposia, *Nutritional Control of Immunity in Health and Chronic Disease* (Organizer: Kathleen Hoag) and/or *Nutritional Immunology* (Organizer: Charles Stephensen) as your preferred venue for presentation.

Thinking ahead to 2007 for a moment, it is time to send your ideas for EB07 symposia to me at cstephen@whnrc.usda.gov. While this may seem like a daunting task, organizing a symposium is a good way to network with other RIS members and to educate others in nutrition about the important role of immunology in health. Take next year’s symposia as examples and think both about mechanistic topics (how nutrients affect immune function) and about how nutrition affects the risk or pathogenesis of specific diseases.

Finally, I would like to thank Bobbi Langkamp-Henken of the University of Florida for being our RIS chair last year. I think she did a wonderful job.

Contributed by Charles Stephensen
RIS Chair (USDA Western Human
Nutrition Research Center at UC Davis

Nutritional Epidemiology. The purpose of the Nutrition Epidemiology RIS is to bring together members of ASNS who are interested in epidemiologic methods to study nutrition problems, particularly the role of nutrition in health outcomes, and the methodological issues faced in nutritional assessment. Although many of our members are interested in the linkages between dietary intake and chronic disease, our membership includes scientists who apply epidemiologic methods to the study of maternal and child issues. My own work in calcium and bone health focuses on children but is directed toward furthering our understanding of how to prevent osteoporosis. This diversity is also reflected in the research areas of the winners in our doctoral student competition each year.

We are in the midst of planning activities for EB ’06 in San Francisco, CA, and will keep you posted with respect to events. Each year we develop ideas for future symposium and mini-symposium at EB, and I would like to take this opportunity to solicit ideas for themes that we might support. If you think there are important areas for our RIS to focus on, or know of study results that would be coming available in a year or two that would be of interest to our RIS and to ASNS, please email me at heidi.kalkwarf@chmcc.org, so that we can plan ahead. This way, we can make an even more interesting and productive EB!

Contributed by Heidi Kalkwarf
Chair, Nutritional Epidemiology RIS

Dietary Bioactive Components. The Dietary Bioactive Components RIS encourages all ASNS and ASCN members who are interested in the health benefit of nutrient and non-nutrient dietary components, including those present in dietary supplements and whole foods, to get involved in our RIS. To join, simply log on to ASNS-online and subscribe to the RIS group.

Widespread consumer use and the potential role of bioactive components in foods and supplements in health promotion and disease prevention are of public health interest. An *ad hoc* Federal working group, including representatives from The Department of Health and Human Services (HHS), The Department of Defense (DoD), and U.S. Department of Agriculture (USDA), and agencies within these departments, such as the National Institutes of Health (NIH), Centers for Disease Control and Prevention (CDC), and The Food and Drug Administration (FDA), was developed last year to define bioactive components and explore approaches to evaluate their significance in health promotion and disease prevention. The goal of this cross-agency effort is to stimulate discussion and research.

On March 24-25, 2005, the group sponsored a conference entitled “Assessing the Health Effects of Bioactive Food Components.” The goal of the conference was to identify guiding principles that can be used to assess the health effects of bioactive food components. The conference was organized into six unique sessions. The first five sessions featured topic areas with experts from academia, industry, and government. The sixth session highlighted key information/insights that surfaced

during the previous sessions. Specifically, the conference reviewed:

* Bioactive food components that deserve special attention and opportunities/challenges in characterizing their benefits when supplied as a food or supplement. In addition, identify what additional dietary, environmental, and genetic factors that must be considered when evaluating the efficacy of specific bioactive components for promoting health and associated biomarkers.

* Approaches for categorizing and assessing the health effects of bioactive components. Identify common principles in these approaches and evaluate their suitability to categorize and assess the health effects of widely diverse bioactive food components.

* Technologies that can be used to evaluate health and/or predict the onset and progression of disease. Discuss the appropriateness of these techniques to assessing the health effects of bioactive food components.

The agenda and slides from this workshop can be found at: <http://ods.od.nih.gov/news/conferences/bfcagenda20050324.html>

In addition, prior to the EB05 meeting, on April 1, 2005, the Office of Dietary Supplements (ODS) sponsored a workshop entitled, "Assessing the Health Effects of Bioactive Food Components." This workshop reported on the lessons learned from the evidence-based reviews on omega-3 fatty acids conducted by the Agency for Healthcare Research and Quality (AHRQ) and examined how this knowledge can be applied to researching the health effects of other bioactive food components. The agenda and slides from this workshop can be found at: (<http://ods.od.nih.gov/news/conferences/bfcagenda20050401.html>)

We need to put together symposia that carry these ideas further. Although the deadline for symposia topics isn't until January 15th, now is the time to begin to brainstorm about subjects meriting development of proposals. Please share your ideas with one of the officers: Josh Bomser (Bomser.1@osu.edu), Cindy Davis (davisci@mail.nih.gov), Mark Failla (failla.3@osu.edu) and Susan Percival (percival@ufl.edu).

I look forward to working with the membership over the next year and would appreciate any suggestions that members might have.

Contributed by Cindy Davis, Chair
Dietary Bioactive Components RIS

Experimental Animal Nutrition. The Experimental Animal Nutrition RIS is soliciting **funds for the 2006 EB meeting** in San Francisco. These funds will be used for 1) providing student support to present experimental animal nutrition abstracts or posters and 2) support of our RIS annual membership meeting. Members of our RIS are asked to contact Brian Larson or Xingen Lei if you have contact ideas, comments, or suggestions. **Proposals for ASNS 2007 symposia topics** are due this fall. One of our RIS goals for the year is to have several proposals submitted to the review committee. Three **minisymposia are being proposed for 2006**, namely: *Neonatal Pig Nutrition - Skeletal and Muscular Growth and Development* (Tom Crenshaw, University of Wisconsin, chair); *Neonatal Pig Nutrition - Intestinal Growth, Development, and Metabolism* (Jack Odle, North Carolina State University, chair); *Research Animal Nutrition* (Ron L. Kincaid, Washington State

University, chair). As these minisymposia are developed, specific topics may emerge that will prompt requests for invited talks and abstract submission. Watch future RIS notes and e-mail notices. Our RIS has experienced good growth in members and participation - thanks to all of you who have offered your assistance. Again, contact Brian Larson or Xingen Lei if you have comments or suggestions.

Contributed by Brian Larson

Energy and Macronutrient and Metabolism. The Energy and Macronutrient Metabolism Research Interest Section (EMM RIS) is a vibrant group of scientists and clinicians within ASNS and ASCN who are interested in the metabolism, utilization and novel functions of carbohydrates, lipids/fatty acids, and proteins/amino acids. We encourage all those attracted to these areas of research to log on to ASNS-Online and subscribe to our RIS. We would also encourage all current EMM-RIS members to visit ASNS-Online and make sure their free electronic subscription to the EMM-RIS Group is active. If you would like to receive funding opportunities and other news items from our RIS by e-mail, be sure you have selected this option within the e-communities settings. Contact Mary Banks (BanksM@asns.org) if you are having problems with logging on or receiving e-community notices.

The new officers and steering committee members of the EMM RIS for 2005-2006 are: **Chair:** Tracy Anthony (Indiana University School of Medicine-Evansville); **Chair-Elect:** Jill Bush (University of Houston); **Past-Chair:** Susan Hutson (Wake Forest University School of Medicine); **Steering Committee:** Joshua Anthony (Mead Johnson Nutritionals), Raja Elanjo (Hospital for Sick Children, Toronto), Dorothy Gietzen (U. California, Davis), Mike McIntosh (U. North Carolina, Greensboro), Margaret McNurlan (SUNY Stony Brook), Josef Neu (Univ Florida), Barbara Stoll (USDA-Baylor College of Medicine), Malcolm Watford (Rutgers University), Wayne W. Campbell (Purdue University), Ming Fan (University of Guelph), Michele Doucette (Georgia State University), Sean Adams (USDA Western Human Nutrition Research Center), Martha H. Stipanuk (Cornell University), Daniel Tomé (Institut National Agronomique Paris Grignon), Sharon Donovan (University of Illinois), Soonkyu Chung (Grad Student Rep, UNC Greensboro)

The EMM-RIS is proud to announce our co-sponsorship of the ASNS Workshop entitled, "Metabolomics Technology and Applications in Nutritional Science", held at 2 - 5 pm on Saturday, April 1, 2006 in San Francisco, CA. The workshop will be conducted prior to our business meeting, research awards, and social reception and will discuss the technology and potential applications of metabolomics and what it means for the nutrition science community. Look for more details in future *Nutrition Notes* and postings on the EMM RIS e-community. In addition, the EMM-RIS is organizing one Symposia and one Controversy Session at EB2006. **Symposium:** *Genetic and Dietary Influences on Obesity and Weight Management.* **Chair:** Jill A. Bush, University of Houston; **Co-Chair:** Brian Bequette, University of Maryland. **Controversy:** *Therapeutic Potential of the Branched-Chain Amino Acid Leucine: Lots of Trees but Where's the Forest??* **Chair:** Tracy G. Anthony, Indiana University School of Medicine-Evansville; **Co-Chair:** Joshua C. Anthony, Mead Johnson Nutritionals. The EMM-RIS will also be organizing the following ASNS Minisymposia Topics for EB2006. The titles and chairs are: *Exercise and Body Composition* (Tim Nagy); *Food Intake Regulation* (Gary E Truett); *Intestinal Metabolism and Adaptation* (Guy Groblewski); *Lipid Metabolism and Transport* (Joe Dixon); *Dietary Factors Affecting Lipid Metabolism* (Mark Kern); *Soy and Potential Health Benefits* (William Wong); *Obesity and the Metabolic Syndrome* (Megan McCrory); *Protein*

and Amino Acid Metabolism-General (Ming Fan); Protein and Amino Acid Metabolism- Aging and Sarcopenia (Kevin Short); Amino Acids and Peptides as Signaling Molecules (Susan Hutson); Energy Balance, Macronutrient Composition and Weight Management (Jeff Volek); Carbohydrate Metabolism and Insulin Action (Wayne Campbell).

We encourage all Minisymposia chairs to contact peers and colleagues via email and solicit abstract submissions to your session. We also encourage all ASNS and ASCN researchers to submit abstracts to these Minisymposia sections. Finally, the EMM RIS will again sponsor several research awards for graduate students and postdoctoral fellows at our business meeting/social reception at *EB*. Details and guidelines for submission to the competition will be posted at the ASNS-Online link to the EMM-RIS Group in the coming weeks. The tentative deadline for submission of abstracts and cover letter will correspond with the *EB* Late-Breaking abstract deadline. Please encourage your students/trainees to plan to submit their research to our award competition. Plan to attend *EB 2006* in San Francisco April 1-5!

Contributed by Tracy B Anthony
(tganthon@iupui.edu), Chair
Jill A Bush (jbush@uh.edu), Chair-Elect
Susan Hutson (shutson@wfubmc.edu), Past-Chair

Student Interest Group. The ASNS Student RIS held their last business meeting at the Graduate Student Breakfast, sponsored by Dairy Management, Inc. at the *Experimental Biology* meeting in April 2005. Approximately 150 graduate students attended the breakfast and had the opportunity to meet other students from universities across the nation. Several postdoctoral fellows served as invited guests and spoke about the transition from being a graduate student to a post-doc. The post-docs were available for individual questions from students. Post-doctoral fellows that participated included: Steven Davis, Jenny Ledikwe, Brandon Lewis, Christina Khoo, Susanne Mertens-Talcott, Fabiana Moura, Laura Murray-Kolb, and Sara Zwart. Current ASNS Student RIS Officers also discussed the different roles that they play in governing our RIS and put out a call for new officers for the upcoming year. Throughout the *Experimental Biology* meeting the Student RIS organized several meetings between ASNS Fellows and interested graduate students. During these informal meetings students had the opportunity to discuss their research and to ask questions of the fellows ranging from their research interests, to issues related with getting a job and/or postdoctoral position. ASNS Fellows that participated included: David Baker, Bruce R. Bistrian, Marion Nestle, Elizabeth Davis, Leif Hambræus, and Melvin Mathias. Following an application process in the spring, the ASNS Student RIS has elected new officers and we are ready to begin a new and productive academic year. Members of the Executive Committee include Regan Bailey (Chair; The Pennsylvania State University), Robin Minor (University of Florida), and newly elected members Dolores Doane (University of Illinois) and Calin Raife (Florida International University). The Graduate Nutrition Education Committee is comprised of Amy Rossi Mobley (University of Maryland) and Elizabeth Seymour (Michigan State University). Cria Gregory (Emory University) is the newly elected member of the Program Planning Committee and Amy Griel (The Pennsylvania State University) is the newly elected *Nutrition Notes* Secretary. The Student RIS is advised by Susan Percival (University of Florida) and Kevin Schalinske (Iowa State University). One of the goals of the Student RIS is to provide more opportunities for students to present their research at the *Experimental Biology* meetings. A long-range goal of our group is to sponsor an oral mini-symposium at *EB 2007*. This mini-symposium would serve as an opportunity for those who

were selected as poster presenters to also present their research in greater detail in a symposium setting.

Contributed by Amy Griel
The Pennsylvania State University

POSITIONS

Our client is focused on **Quality Healthcare** and is dedicated to maintaining and improving the health and well being of consumers and patients - at home or in health care delivery settings - through fulfillment of their nutritional needs. In partnership with health care professionals, our client offers the highest quality medical nutrition products and services to improve health and quality of life.

Our client's goal is to be the top performing company in the Medical Nutrition industry and to provide Superior Patient Care and Superior Patient Outcomes facilitating their Purpose: To Improve Lives; To Extend Lives and Save Lives.

Scope and Responsibilities: Our client is currently seeking a Sr. Scientist to rigorously evaluate existing knowledge in nutrition science leading to innovation of new and superior medical nutrition products that will result in improved patient outcomes and offer a proprietary position and marketplace advantage for our client. This person will attend scientific meetings, conduct literature reviews and scientific substantiation, develop research protocols, interface with key opinion leaders and other R&D personnel including colleagues in Medical Affairs, Regulatory, Health Economics, Product Development, Clinical Development, Marketing, Patent Law, and the company's medical advisors.

Required Experience:

- * Minimum of 3-5 years of scientific research experience in nutrition.
- * Experience in nutrition as it relates to metabolism, physiology, or disease. Examples could be nutritional research done on obesity, diabetes, malnutrition, oncology, cardiology, etc...
- * Human clinical nutrition experience strongly preferred, but animal studies on nutrition as it relates to humans may suffice.
- * Must be an effective communicator and have strong experience writing white papers, collaborating with other Scientists, interpreting scientific studies for non-technical colleagues, and the ability to apply science in a practical manner to human nutritional products.

Education/Certifications: A PhD in nutrition or closely related field is required. Certification as a Registered Dietician is highly desired.

Please send your cover letter and resume to:
medical.affairs@futurestep.com

Department Head, Animal and Range Sciences, South Dakota State University. Provide leadership; develop and maintain research, teaching, and extension programs; evaluate and recruit faculty, staff and students; develop budgets; manage properties; foster and build strong working relations with other disciplines and numerous commodity and constituency groups.

An earned Ph.D. in Animal Science, Range Science or a closely related field; five years full-time relevant experience; and demonstrated excellence and national recognition in research, teaching or outreach programming. For full list of qualifications and information, visit <http://jobs.sdstate.edu>.

To apply, send vitae, transcripts, contact information for four professional references, and a statement regarding interest, ability to meet responsibilities, and philosophy of administering a successful and progressive program by 9/12/05 to: Van C. Kelley, Search Committee Chair, Department of Ag. and Biosystems Engineering, Box 2120, South Dakota State University, Brookings, SD 57007, Phone: (605) 688-5143, Email: van.kelley@sdstate.edu AA/EEO employer.

USDA National Needs Pre-doctoral Fellowships are open for application at the University of Kentucky. Research areas are obesity and obesity-related diseases including cardiovascular disease, diabetes and cancer. Each fellowship has a stipend of \$22,000/year for three years. Eligibility includes U.S. citizenship and admission to the Ph.D. Program in the Graduate Center for Nutritional Sciences. Contact Dr. Linda Chen, 859-257-3288 or lchen@uky.edu

COMING EVENTS

2005

SEPTEMBER

19-23 **18th International Congress of Nutrition.** Durban, South Africa. <http://www.puk.ac.za/iuns>; email: vgetan@puknet.puk.ac.za

2006

MARCH

30-31 **Sixth Annual NIDDK-funded Short Course on Statistical Genetics for Obesity and Nutrition Researchers.** Sponsored by the University of Alabama's Section on Statistical Genetics and Clinical Nutrition Research Center. San Francisco Moscone Convention Center. Additional information and the application may be found at http://www.soph.uab.edu/ssg_content.asp?id=1458

APRIL

1-5 **Experimental Biology 2006.** The Moscone Convention Center, San Francisco CA. For further information: www.faseb.org/meetings/eb2006

DATELINES

Dateline North...Darlene Berryman

From Case Western Reserve University... Visitors to the Nutrition Department for our Seminar Series included **Michael Wheeler**, from University of North Carolina discussing the "Interaction between inflammation, steatosis and hepatic fibrosis" and **Mary M. McGrane** from University of Connecticut presenting "Vitamin A regulation of Gene Expression in Liver". **Paul Ernsberger** visited the University of Florida to present a seminar entitled "Effect of Diet and Weight Recidivism on Blood Pressure in a Metabolic Syndrome X Model" and **Duna Massillon** presented a late breaking abstract at the American Diabetes Association on "Abnormal expression of key genes in the liver of the spontaneously hypertensive Koletsky rat". **Laura Nagy** chaired a symposium at the Research Society on Alcoholism meeting on "Membrane protein trafficking: diverse mechanisms of ethanol action".

From Iowa State University... **Grace Marquis** visited the RIING (Research to Improve Infant Nutrition and Growth) and ENAM (Enhancing child Nutrition through Animal source food Management) field projects for 3 weeks in June. **Dr. Marquis'** graduate nutrition education projects are in collaboration with **Anna Lartey** at the University of Ghana, Legon Ghana and **Rafael Perez-Escamilla** at the University of Connecticut. **Dr. Marquis** also visited Makerere University in July in Kampala, Uganda to extend the collaborations among ISU, University of Ghana, and Makerere University. **Jerry W. Young**, emeritus professor, received the Distinguished Service Award at the 2005 annual meeting of the American Dairy Science Association for his outstanding and consistent contributions to the welfare of the dairy industry. **Travis J. Knight** accepted the position as Laboratory Supervisor for the Iowa Department of Agriculture and Land Stewardship effective May 15, 2005. **Ronald L. Horst** continues to serve as interim director (appointed in December 2004) of the USDA National Animal Disease Center until a permanent director is appointed. **Steve Nissen** was named co-director of the Agricultural Entrepreneurial Initiative of the College of Agriculture on July 1, 2005. The objective of the Initiative is to improve the entrepreneurial skills and activities of students and faculty.

From Michigan State University... **Maurice Bennink** spent 3 weeks this summer in Botswana and Tanzania establishing research projects focused on nutritional support for HIV positive children. **Kate Claycombe** presented a talk on "Role of omega-3 fatty acids in obesity-aggravated heart disease" at the 27th Lillian Fountain Smith Conference for Nutrition Educators at Colorado State University in June. **Sharon Hoerr** received the SNE/SNEF Helen Denning Ullrich Award of Excellence in Nutrition Education at the Society for Nutrition Education meeting in Orlando in July. MI Governor Granholm appointed **Michael Hamm** as the Statewide University Representative to the newly created MI Food Policy Council. **Norman Hord** began his term as Chair of the Diet and Cancer RIS in June. Members of the MSU Nutritional Immunology Group at MSU including **Pam Fraker**, **James Pestka**, **Kate Claycombe**, **Kathy Hoag**, and **Norman Hord**, held a Program Retreat in August. **Maija Zile** spent a month in Latvia this summer to assess the need for nutritional science courses at the University. She will also visit the Karolinska Institute in Sweden to plan for continuing collaborative studies within a European Union Project focused on health, development, and environmental pollution.

From Ohio State University... **Lydia Medeiros** received the 2005 College of Human Ecology Dean's Award for Outreach and Engagement. The recognition highlighted **Lydia's** multi-faceted outreach work in food safety education and her leadership as faculty advisor and service to the OSU Chapter of Habit for Humanity. **Martha Belury** presented an invited seminar at the OSU Dorothy Davis Heart and Lung Institute on the Dietary modulation of peroxisome proliferator-activated receptors (PPARs): Impact on steatosis. **Jasminka Ilich-Ernst** (U. Connecticut) visited campus and presented an invited seminar titled "Nutrition and life style modifiers of bone health and body composition of post-menopausal women". **Mark Failla** received the Department of Human Nutrition's 2005 Faculty of the Year Award for his contributions as a colleague and as department chair.

From the University of Illinois at Urbana-Champaign... On May 3, it was announced that **David Baker** was elected to the National Academy of Sciences in the "Animal, Nutritional, and Applied Microbial Sciences" scientific discipline area. **Karen Chapman-Novakofski** was named Associate Editor for Research and Reports for the *Journal of Nutrition Education and Behavior*. The Division of Nutritional Sciences was selected as the 2005 recipient of the Freedom to Discover Award in

Nutrition from Bristol Myers Squibb Foundation. The theme of the 5-year, \$500,000, unrestricted grant is "Defining the Nutritional Requirements of the Developing Intestinal Ecosystem". **Sharon Donovan** is the Principal Investigator. Other members of the grant include **George Fahey, Peter Garlick, Rex Gaskins, Terry Hatch, Rod Mackie, Larry Schook, Kelly Swanson, Kelly Tappenden** and Bryan White. During a visit to Boston in March, **Sharon Donovan** presented a talk entitled "Improving infant formulas: Role in lifelong nutritional health" as part of the Boston Nutrition Seminar series. The following day she presented a seminar on "Therapies to Ameliorate TPN-induced Abnormalities in Intestinal Structure and Digestive and Immune Function" to the Gastroenterology Division at Boston Children's Hospital. In June, **she** was an invited speaker at a symposium recognizing the 25th anniversary of the Bristol-Myers Squibb Freedom to Discover Nutrition Program and the 100th anniversary of Mead Johnson, which was held at the University of Cincinnati. She spoke on the "Role of Human Milk Components in GI Development: Current Knowledge and Future Needs." In July, she visited the laboratories of Mickey Caplan and **Tamas Jilling** in the Department of Pediatrics at Northwestern University where she discussed her research on the piglet model to investigate therapies to ameliorate TPN-induced intestinal compromise. The Illinois Center for Soy Foods, which is directed by Food Science and Human Nutrition faculty members **Barbara Klein** and Keith Cadwallader, organized a conference entitled "Obesity Management Forum: Role of Soy Foods" which was held on May 25-26 in at the University of Illinois. Speakers from the University of Illinois included **Paul Cooke, Ellen Evans, Bill Helferich, Donald Layman** and Robin Orr. Guest speakers were **William Banz** of Southern Illinois University, **Penny Kris-Etherton** of Pennsylvania State University, **Judith Stern** of University of California at Davis, **Mark Messina** of Loma Linda University, **Neil Shay** of University of Notre Dame, **Harvey Anderson** and **David Jenkins** both from University of Toronto, **Armando Tovar** of National Institute of Medical Sciences and Nutrition, Mexico, **Harry Greene** of SlimFast, West Palm Beach, FL, **Brent Flickinger** of Archers Daniel Midland, Dectatur, IL, and **Greg Paul** of The Solae Company, St. Louis, MO.

From the University of Wisconsin-Madison Department of Nutritional Sciences... **Dale Schoeller** was named the 2005 W.O. Atwater Lecturer by USDA's Agricultural Research Service. This lectureship honors scientists for unique contributions toward improving the diet and nutrition of people around the world. **Denise Ney** enjoyed sabbatical learning about the brain-gut axis in **Helen Raybould's** laboratory in the School of Veterinary Medicine, University of California Davis. She was also able to work with **Dorothy Gietzen** and **Quinton Rogers** to further her knowledge of amino acid metabolism in support of her new interdisciplinary project to study the nutritional management of phenylketonuria. **Sherry Tanumihardjo** received tenure and was promoted to Associate Professor, effective July 1, 2005. **Daniel Butz** completed his PhD in May 2005. His thesis title was "Conjugated linoleic acid reduces inflammation in animal models: evidence of a molecular mechanism." He accepted a postdoctoral position with Warren Porter in the Department of Zoology at the University of Wisconsin-Madison. **Karen Spach** completed her PhD in May 2005. Her thesis title was "The vitamin D endocrine system in the control of experimental autoimmune encephalomyelitis." The second paper from her thesis research has been accepted for publication in the *Journal of Immunology*. The paper is entitled "Vitamin D3 Confers Protection from Autoimmune Encephalomyelitis Only in Female Mice." She has accepted a postdoctoral position with Cory Teuscher in the Department of Medicine, University of Vermont, Burlington VT. She will be studying the role of the estrogen receptor in the control of autoimmune encephalomyelitis.

From the University of Minnesota... In May, **John Himes** in the School of Public Health delivered the invited presentations "A new computer-assisted methodology for assessment of fluoride intake for individuals" at NIDCR/NIH in Bethesda, MD, and "Lessons from large population studies on timing and tempo of puberty (secular trends and relation to body size): The North American trends" at the 6th International Puberty Conference, Evian, France. **Joe Prohaska** attended TEMA-12 in Coleraine Northern Ireland, a conference first established in 1969 as a forum for trace element research. In recognition of his contributions in trace element research, **Joe** delivered the Underwood Lecture to more than 200 attendees entitled "Rodent models demonstrate biochemical and behavioral consequences of maternal copper deficiency". After six years **Joe** stepped down as Chair of the TEMA Parent Committee. **Elizabeth Parks** presented a talk on postprandial fatty acid flux at the first Agri-Food Innovation Forum in Toronto, Canada in June.

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

Dateline East...with Robert Jackson

From The Graduate Program in Nutrition at The Pennsylvania State University... **Cheryl Achterberg**, Professor of Nutrition and Dean of the Schreyer Honors College will start at Iowa State on September 1 as the inaugural dean of their new College of Human Sciences (a combination of what was formerly the College of Family and Consumer Sciences as the College of Education). **Andrea Mastro** presented several posters at the recent ERA of HOPE meeting sponsored by the US Army Medical and Materiel Command Breast Cancer Program in Philadelphia on June 8-11. Two of the presentations were chosen for platform presentation. The posters (presented at the Era of Hope, Department of Defense, Breast Cancer Research Program Meeting, June 8-11, 2005) were: "The use of exercise to increase lymphocyte activation following chemotherapy for breast cancer"; "Secretion of PDGF, IGF and TGF β by metastatic breast cancer cells alters osteoblast function"; "Trafficking of breast cancer metastatic cells in bone"; and "Kinetics of the early stages of breast cancer metastasis to bone." **Dr. Mastro** was awarded the Adams County Breast Cancer Coalition Research Award for Breast Cancer Research. **Catharine Ross** presented a talk entitled "Retinoid regulation of macrophage functions in THP-1 cells and in vivo," at the 14th International Symposium on Molecular Cell Biology of Macrophages, held in Omiya, Japan, June 2-4, 2005. She also enjoyed a reunion party with former postdocs in the Tokyo area. **Elsworth Buskirk** was elected a Fellow of the ASNS during the ASNS annual meeting at the *Experimental Biology* Meeting on April 4, 2005, in San Diego, CA.

From The Center for Genetics, Nutrition and Health... **Artemis P. Simopoulos** was filmed in several locations in Greece from June 25 - 27, 2005, for a three-hour documentary on omega-3 fatty acids, produced by Sanjida O'Connell for the BBC Horizon series, to be aired in the Fall of 2005 on BBC television. **Dr. Simopoulos** was interviewed about her research on evolutionary aspects of diet, the diet of Crete, wild plants, her first observations of the eating habits of chickens on her family farm in Ampelistra, Greece, and her studies on the "Greek egg" which has a ratio of omega-6: omega-3 fatty acids of 1.3:1 under complete natural conditions as compared to the U.S. supermarket egg at 19.4:1. In addition, the BBC filmed Sunday services at the local Greek Orthodox Church, local restaurants serving omega-6: omega-3 balanced meals, the ruins of ancestral castles, and views of the Peloponnese and

the Messenian Bay of the Ionian Sea. On July 13, 2005, **Dr. Simopoulos** gave the keynote wrap-up presentation on "Omega-3 fatty acids in inflammation and autoimmune diseases" at the 70th exhibition and educational symposium of the Florida Dietetic Association (FDA) held at the Sanibel Harbour Resort and Spa in Fort Myers, FL, July 10 - 13, 2005. Her presentation was followed by a question and answer period and a book signing for *The Omega Diet* (HarperCollins, 1999).

From the Jean Mayer USDA Human Nutrition Research Center on Aging at Tufts University (HNRCA)...**Alice H. Lichtenstein**, Senior Scientist and Director of the Cardiovascular Nutrition Laboratory at the Jean Mayer USDA Human Nutrition Research Center on Aging (HNRCA) and the **Stanley N. Gershoff** Professor at the Gerald J. and Dorothy R. Friedman School of Nutrition Science and Policy at Tufts University, was one of 13 distinguished individuals to receive an honorary doctorate from the University of Kuopio in Finland during degree ceremonies June 9-11, 2005. During her visit to the university, **Dr. Lichtenstein** gave a seminar on "Fine Tuning Dietary Guidance for Cardiovascular Disease Risk Reduction - from Novel Vegetable Oils to Soy Protein" and a public lecture on the "Challenges of Public Nutrition". **Dr. Lichtenstein's** research focuses on assessing the interplay of diet and heart disease risk factors. She has been appointed to the National Academy of Sciences, Institute of Medicine, Food Forum through December 31, 2007. She was also appointed to the Academy of Finland Committee to Evaluate the Food and Nutrition Science Sectors. **James Joseph**, Director of the HNRCA Neuroscience Laboratory has been awarded the International Prize for Modern Nutrition 2005 by the Federation of Swiss Milk Producers for his work related to "Nutrition, Aging and Brain Function". **Dr. Joseph** is recognized for his contributions to the field of the neurobiology of aging, in particular the various mechanisms that he has studied that are associated with age-related decline in brain functions, along with his demonstration that fruits and vegetables per se, can reverse age-related alterations in brain and behavioral function in rats. **Dr. Joseph** has been invited to present this work at an award ceremony on September 7, 2005 in Switzerland. Jose M. Ordovas, Director of the HNRCA Nutrition and Genomics Laboratory gave the 65th Annual **Mary Swartz Rose** Memorial Lecture on "Obesity: Nurture or Nature" in New York, NY. Previous recipients of this honor include **Ancel Keys, Hamish Munro, Mark Hegsted** and **Johanna Dwyer. Simin Meydani**, Associate Director, and Director of the HNRCA Nutritional Immunology Laboratory, was recently appointed as a fellow in the 2005-06 Executive Leadership in Academic Medicine (ELAM) Program for Women. The ELAM is a core program of the Institute for Women's Health and Leadership at the Drexel University College of Medicine. **Xiang-Dong Wang**, Director of the HNRCA Nutrition and Cancer Biology Laboratory, received the 2005 ELR Stokstad Award for outstanding fundamental research in nutrition at the Nutrition Awards Program during the 2005 *Experimental Biology* meeting in San Diego, CA, in April. **Dr. Wang's** research focuses on the role of carotenoids and retinoids in carcinogenesis. Graduate Research Assistant **Tara D'Eon** is a 2005 recipient of the Caroline tum Suden/Francis Hellebrandt Professional Opportunity Awards from the American Physiological Society. **Tara** is a Friedman School of Nutrition Science and Policy graduate student at Tufts University working with **Andrew Greenberg**, Director of the HNRCA Obesity and Metabolism Laboratory. A list of the 2005 awardees can be found at <http://www.the-aps.org/awards/student/tumSudenRecipients.htm>. **Tara** is also one of ten recipients of the 2005 Woodrow Wilson-Johnson & Johnson Women's Health Dissertation Fellowships. She was selected on the basis of scholarship and the importance of her research contribution to the broader field of women's health. **Tara** joins a group of 107 scholars and researchers who have, since the program's

inception in 1996, achieved great distinction. To learn more about the Foundation and its various programs, see: <http://www.woodrow.org/>. Ann McDermott, Postdoctoral Research Associate in the HNRCA Lipid Metabolism Laboratory and **P.K. Newby**, Scientist III in the Dietary Assessment and Epidemiology Research Program are among the twenty recipients of the 2005 Dannon Institute Nutrition Leadership Institute Awards. The purpose of the Nutrition Leadership Institute is to equip outstanding nutrition doctoral graduates with both a global perspective and the skills needed to help them become more effective leaders. Award recipients were selected to ensure diversity in research fields, i.e., biological and social sciences, dietetics, food science, economics, and geographic representation. The six-day Institute met in June at the Aspen Wye River Conference Center, in Queenstown, MD. Recent Friedman School graduate **Giana Angelo**, was one of three student award recipients in the 2005 American Society for Nutritional Sciences (ASNS) Procter & Gamble graduate student research oral competition at the *Experimental Biology* 2005 meeting in San Diego, CA. She discussed her work in the on "RNAi-mediated knockdown of heat shock protein 90 beta (Hsp90 β) impairs responsiveness to vitamin D in Caco-2 cells" that was conducted in the HNRCA Mineral Bioavailability Laboratory. **Paul F. Jacques**, Senior Scientist and Director, HNRCA Nutritional Epidemiology Program was the first recipient of the HNRCA Director's Scientific Recognition Award for his work on "Determinants of plasma total homocysteine concentration in the Framingham Offspring Cohort". Recent Friedman School graduate **Yuri Kim**, received the 2005 **Irwin H. Rosenberg** Predoctoral Research Award for her work conducted as a Graduate Research Assistant under the advisement of **Xiang-Dong Wang**, in the HNRCA Nutrition and Cancer Biology Laboratory. **Yuri** studied "The protective effect of combined antioxidants (beta-carotene, alpha-tocopherol and ascorbic acid) supplementation against chemical carcinogen (NNK)-induced lung carcinogenesis in smoke-exposed ferrets". The **Rosenberg** Award, named after former HNRCA Director **Irwin H. Rosenberg**, is given annually to a graduating Tufts Friedman School doctoral student. **Qing Liu**, Research Associate in the HNRCA Laboratory for Nutrition and Vision Research, received the 2005 **Hamish N. Munro** Postdoctoral Research Award for her work on "The molecular basis of cataract formation". This award named after founding HNRCA Director, **Hamish Munro**, is given annually for outstanding scientific research conducted by an HNRCA postdoctoral fellow, research associate, or visiting scientist within 5 years of receiving his/her Ph.D. HNRCA Award recipients presented their research during the HNRCA Seminars Series at the HNRCA on May 16, 2005. Kyung-Jin Yeum, Scientist II in the HNRCA Carotenoids and Health Laboratory was notified by the Editorial Board of *Archives of Biochemistry and Biophysics* (ABB) and Elsevier that her article "Biomarkers of antioxidant capacity in the hydrophilic and lipophilic compartments of human plasma" was one of the top 20 downloaded articles for the journal in 2004. **Robert M. Russell**, HNRCA Director has been reappointed as Vice-Chair of the Institute of Medicine's (IOM) Food and Nutrition Board (FNB) through June 30, 2006. Jose Ordovas has been appointed as a FNB member as a Consulting Editor and a member of the Editorial Board and of the *American Journal of Clinical Nutrition*. **Roger A. Fielding**, Director of the HNRCA Nutrition, Exercise Physiology and Sarcopenia Laboratory has been appointed to serve as a member of the Aging Systems and Geriatrics Study Section, Center for Scientific Review of the National Institutes of Health for a term beginning immediately, and ending 2008. **M. P. Rousseau**, Scientist II in the HNRCA Laboratory recently received funding from the National Institutes of Health for a grant to study the influence of lipoprotein composition on lipoprotein metabolism. **Dr. Lichtenstein** gave a presentation on "Nutrition and Health" for decisions about nutrients, exper

with n-3 fatty acid evidence-based reviews” at the Food and Nutrition Board, Institute of Medicine, National Academy of Sciences Conference in Woods Hole, MA, on June 29, 2005. **She** also discussed “The role of diet in the statin era” at the 16th Annual Lahey Clinic Symposium: Cardiovascular Disease: State of the Art - 2005, June 21, 2005 in Brewster, MA. **She** spoke on the topic “Exploration of the knowledge base regarding away-from-home foods and obesity” at the Keystone Forum on Away-From-Home Foods: Opportunities for Preventing Weight Gain and Obesity in Washington, DC, April 27, 2005. **Dr. Lichtenstein** discussed the “New USDA pyramid/ dietary guidelines” at the Longwood Nutrition Conference at the Harvard Medical School, in Boston, MA, April 5, 2005. **Simin N. Meydani**, discussed “Influences of nutrition on immune function in the elderly” (at the 12th Symposium on Functional Medicine); The immune system under siege in Palm Springs, CA, May 25, 2005. She spoke on “Vitamin E and respiratory infections” at the Diet and Optimum Health meeting in Portland, OR, May 19, 2005. **Dr. Meydani** discussed “Vitamin E, nutritional status, and infectious diseases in nursing home residents” at the First International Conference on Nutritional Needs of Elderly People in Long-term Care in Washington, DC, May 4-5, 2005. **Simin Meydani** and **Sarah Booth**, Director of the HNRCA Vitamin K Laboratory, were invited to present at the Vitamin E: Health Outcomes and Future Research Conference, March 7-8, 2005 in Bethesda, MD. **Dr. Meydani** discussed “Vitamin E and immunity”. **Dr. Booth** spoke on “Vitamin E - vitamin K: Is there an interaction?” **Dr. Meydani** discussed “Are fat soluble vitamins effective in enhancing tumoricidal cell activity?” at the Immunonutrition: Enhancing Tumoricidal Cell activity workshop on March 23, 2005 in North Bethesda, MD. She also spoke on “Nutritional modulation of the immune response in the aged: molecular mechanisms and clinical implications” at the University of Illinois-Champaign Nutrition Symposium, in Champaign, IL, March 29-30, 2005. **Dr. Meydani** was invited to present “Antioxidants, Immune Function, and Infectious Diseases in the Elderly” at the Texas A & M Graduate Nutrition Seminar at Texas A & M University, College Station, TX on February 2, 2005. She discussed “Aging, Immunosenescence and related diseases” at the 2005 Healthy Ageing Workshop in Lausanne, Switzerland, February 26 – March 2, 2005. **Dr. Booth** gave presentations on “Age-related bone loss and vascular calcification: a role for vitamin K?” at the USDA Human Nutrition Research Center in Grand Forks, ND, April 19, 2005 and at the Hebrew SeniorLife in Roslindale, MA on May 18, 2005. **Robert M. Russell** represented the National Academy of Sciences at the Workshop on Strategies for Micronutrients, in Jerusalem, Israel, May 23-24, 2005 where he discussed “Learning from the DRI experience: Framework for ongoing revisions, 2005”. **Dr. Russell** welcomed staff from the Massachusetts Office of Elder Affairs and the Massachusetts Meals on Wheels Association at a Pre-conference Listening Session for the 2005 White House Conference on Aging at the HNRCA on March 17, 2005. **Johanna Dwyer**, HNRCA Senior Scientist gave the keynote presentation entitled “Older American Act’s Nutrition Program: Alive and Kicking”. **Odilia Bermudez**, Scientist II in the HNRCA Dietary Assessment and Epidemiology Research Program, discussed her research on “Diet quality and acceptability of home delivered meals for homebound, ethnically diverse, Boston elders”. The White House Conference on Aging, held once a decade to make recommendations on aging policy to the President and Congress, will be held in Washington, DC in 2006. A report on conference that details the Elderly Nutrition Program’s Formulas for Health and Wellness is accessible at: http://www.whocoa.gov/about/whcoa_events.asp **Dr. Russell** was invited to present on the topic of “Carotenoid Status and Metabolism on Healthy Aging” at the European Academy for Medicine of Aging’s “Nutrition in the Elderly and its Main Related Consequences” meeting in Sion, Switzerland in January 2005. The European Academy for Medicine of Aging is a network for

geriatricians in Europe. **Mohsen Meydani**, Director of the HNRCA Vascular Biology Laboratory discussed “Nutrition, health and aging” at the Aging and Health Sciences in Biotechnology Conference, May 19, 2005 in Tokyo, Japan. **Odilia Bermudez** and **Christina Merete**, Graduate Research Assistant from the HNRCA Dietary Assessment and Epidemiology Research Program, led the workshop “Catch the Diversity Wave! Opportunities for Food and Nutrition Research with Diverse Populations in Urban and Rural Settings” at the Minorities in Agriculture, Natural Resources and Related Sciences (MANRRS) Conference 20th Annual Career Fair and Training Conference: Encouraging Innovation, Promoting Diversity, Achieving Excellence”, March 31 – April 2, 2005, in Pittsburgh, PA. They discussed their experiences in community-based food and nutrition research in diverse populations. The MANRRS conference brings hundreds of people together each spring to discuss issues concern regarding diversity in agriculture and related areas. **Kyung-Jin Yeum** was invited to speak on “Modification of Lymphocyte DNA Damage by a Physiologic Dose of Mixed Carotenoids in Humans” at the Nutrition, Oxygen Biology and Medicine Conference in Paris, France, March 2-4, 2005. **Paul Jacques**, Senior Scientist and Director of the HNRCA Nutritional Epidemiology Program was invited to discuss “Focus on Vitamin E and Eye Health: Vitamin E, Cataracts and Macular Degeneration” at the Vitamin E Impact on Health and Disease conference sponsored by the New York Academy of Sciences, in New York, New York, January 27, 2005. **Sandra C. Souza**, Scientist III in the HNRCA Obesity Metabolism Laboratory, was invited to speak on the “Generation and Genetic Characterization of Transgenic Mice Source” at the Cell and Molecular Nutrition Holiday Seminar at the HNRCA, February 23, 2005.

From the University of Connecticut Department of Nutritional Sciences... We want to extend a warm welcome to our new faculty **Richard Bruno** who comes to us from the Linus Pauling Institute, Oregon State University where he completed a postdoctoral year with **Maret Traber** and **Tammy Bray**. **Dr. Bruno** holds a PhD in nutrition from Ohio State University. He is an accomplished young scientist that has conducted impressive research in the area of oxidative stress and nutrient utilization in humans. **Maria Luz Fernández** attended the “Second International Symposium on Triglycerides and HDL: Role in Cardiovascular Disease and the Metabolic Syndrome”, New York, July 14-16. Her student **Richard Wood** presented a poster on the beneficial effects of low carbohydrate diets on plasma triglycerides and HDL cholesterol, abdominal fat and body weight on individuals with the metabolic syndrome. **Jeff Volek** (joint appointment) also attended the symposium and his student **Cassandra Forsythe** gave an oral presentation. **Rafael Pérez-Escamilla** led the workshop “Translating Knowledge into Community Nutrition Programs: The Connecticut Hispanic Family Nutrition Program” as part of the University of Texas at El Paso Hispanic Health Disparities Research Center (HHDC) first Summer Institute, June 30. **Dr. Pérez-Escamilla** was graciously hosted by **Hector Balcazar**, El Paso Regional Dean of The University of Texas Health Science Center at Houston and the HHDC’s co-director. The Department continues to make substantial contributions to federal grant review panels. This summer the following faculty members served on USDA and/or NIH panels: **Sung Koo, Maria Luz Fernández, Molly McGrane, and Rafael Pérez-Escamilla**.

From the University of Pennsylvania Division of Biobehavioral and Health Sciences... **Stella Volpe** presented a lecture on Supplements for Joint Health at the Gatorade Sports Science Institute Conference in Chicago, in July.

From Yale University ... **Martin H. Floch**, a Master of the American College of Gastroenterology and Clinical Professor

of Medicine at Yale is relocating his office to the Yale Medical Group and assumes the role of Director of Ambulatory Gastrointestinal Services for the Digestive Disease Section. His textbook *Netter's Gastroenterology* has just been published by Icon Media and contains most of the Netter gastrointestinal illustrations with a complete update of all the disease descriptions. He will be practicing at Yale and assuming academic responsibilities.

Information for **Dateline East** should be sent to **Robert T. Jackson**, Department of Nutrition and Food Science, College of Agriculture and Natural Resources, 3303 Marie Mount Hall, University of Maryland, College Park MD 20742, FAX: 301-314-9327; email: rj36@umail.umd.edu. **His deadline for the December issue is November 1.**

Dateline Southeast...with Susan Scott

From the University of Florida... **Lynn Bailey** attended the 5th International Homocysteine Conference in Milan Italy, June 26-30, 2005 and was an invited speaker at the Second International Conference on Birth Defects and Disabilities in the Developing World, in Beijing, China, September 11-14th, 2005. Title of **Lynn's** talk was "Folic Acid Fortification Policy and Neural Tube Defect Reduction in the US". **Bob Cousins** gave the opening keynote lecture, "Zinc Transporter Expression During Inflammation," at the 12th International Symposium on Trace Elements in Man and Animals (TEMA 12), held at the University of Ulster, Coleraine, Northern Ireland, June 19th-June 24th, 2005. At the same meeting, **Mitch Knutson** gave the talk, "Hepcidin decreases ferroportin protein levels and nonheme iron release from J774 mouse macrophages after erythrophagocytosis." **Mitch Knutson** also attended the International BioIron Society Meeting in Prague, Czech Republic, May 22-27th, 2005, and at the University of Florida, won an award for "Outstanding Mentor" for the University Scholars Program. **Jess Gregory** presented an invited lecture on the development, validation, analysis and *in vivo* use of isotopically labeled folates at the 13th International Symposium on Chemistry & Biology of Pteridines & Folate at Egmond aan Zee, The Netherlands, June 20-24, 2005. Elaine Turner attended the Summer Institute for Women in Higher Education Administration sponsored jointly by Bryn Mawr College and Higher Education Resource Services (HERS), Mid-America, June 26th-July 22nd, 2005. The 73 selected participants were from 30 states, Canada, and South Africa.

From the University of Tennessee/Knoxville... **Naima Moustaid-Moussa** co-organized with **Howard Towle**, University of MN, a FASEB summer conference entitled Nutrient Control of Gene Expression and Signaling held July 30 to August 4 in Tucson, AZ.

From the University of North Carolina at Greensboro... Margaret Savoca has joined the Nutrition faculty as an Assistant Professor. She comes from the Medical College of Georgia where she was a research fellow at the Georgia Prevention Institute. Several faculty, staff and graduate students received awards at this year's Human Environmental Science Award Ceremony: **Ron Morrison** received a Research Excellence Award for a junior faculty member; **David Scott** won Outstanding Nutrition Graduate Student Award; Kelly Elliott was awarded the Staff Excellence Award; Lauren Haldeman received an Outstanding Advisor Award. **Michael McIntosh** gave an invited presentation entitled "Conjugated Linoleic Acid in Humans: Regulation of Adiposity and Insulin Sensitivity" at the 2005 FASEB Summer Research Conference "Nutrient Control of Gene Expression and Cell Signaling" on Aug. 2, 2005 in Tucson, AZ.

From the University of Kentucky... **Geza Bruckner** was invited to chair a session, Nutritional Gnotobiology, at the XVth International Symposium on Gnotobiology in Tokyo, Japan, in June. David Hildebrand co-presented a paper entitled: "Cloning, characterization and applications of an oyster mushroom (*Pleurotus ostreatus*) delta 9 desaturase" at the North American Plant Lipids Cooperative meetings at Fallen Leaf Lake in S. Tahoe, California in June. **Howard P. Glauert** presented a talk entitled "Role of NF-kB in hepatocarcinogenesis and effect of antioxidants" at the University of Tuebingen, Tuebingen, Germany, in July. **Bernhard Hennig** presented a paper entitled "Environmental pollutants and endothelial cells activation: Implications in atherosclerosis" at the University of Cincinnati, Cincinnati, Ohio in May. He also presented a paper entitled "PCBs, nutrition and endothelial cell activation: Implications in atherosclerosis" at the University of Silesia, Katowice, Poland in July. **Dr. Hennig** is the Director of the NIH-funded University of Kentucky Superfund Basic Research Program (SBRP), which recently received a large NIH grant. UK's SBRP is an interdisciplinary research group, which studies the toxicity of environmental pollutants with a focus on nutrition, health, and disease.

Information for **Dateline Southeast** should be sent to Susan Scott, University of North Carolina, Department of Nutrition, CB#7461, Chapel Hill NC 27599, TEL: 919-843-3642; FAX: 919-966-7216; email: susan_scott@unc.edu She welcomes your submissions for the **December 2005** issue. The deadline for submission is **November 1, 2005**

Dateline West...with the McGuires, Shelley and Mark McGuire

From the University of Washington... **Adam Drewnowski** was an invited speaker at the Conference of Montreal: Economic Forum of the Americas where he spoke about poverty and obesity. **Dr. Drewnowski** also gave plenary talks at the NIEHS Conference on Environmental Solutions to Obesity in America's Youth in Washington DC; at the Florida Dietetic Association Meeting in Ft. Myers, FL; at the Society for Nutrition Education Meeting in Orlando, FL; and at the National Prevention Symposium in Marina del Rey, CA.

From Washington State University and the University of Idaho... **Shelley** and **Mark McGuire** (Washington State and Idaho, respectively) were invited to give lectures at the University of Sassari in Italy last June. The titles of their lectures were "Potential Impact of CLA Intake During Human Lactation and Infancy" and "From Dietary Fat to Milk Fat," respectively. **Linda Massey** has been appointed to the American Dietetic Association National Research Committee. She is continuing to serve as Treasurer for the Research Dietetic Practice Group.

From the University of California at Berkeley... **Hei-Sook Sul** presented a talk entitled "Regulation of fat metabolism in adipocytes" at the Gordon Conference on Molecular and Cellular biology of Lipids in July 2005, one entitled "Soluble factors that regulate adipocyte differentiation" in Athens, Greece at the 37th International Symposium on Growth Hormone and Growth factors in Endocrinology and Metabolism in March 2005, and one entitled Pref-1 and ADSF: Inhibitors of Adipogenesis" at the Korean Endocrinology Society Biannual Meeting in April 2005. **Ben O. de Lumen** received the University of the Philippines Alumni Association (UPAA) Distinguished Professional Award in Biological Sciences for 2005. UPAA has approximately 220,000 registered members worldwide. The second edition of Management Practice in Dietetics by Nancy R. Hudson, Dietetics Program Director, was published in June, 2005. **Marc Hellerstein** gave an invited talk at an NIH Symposium on T-cell turnover (June 22, 2005) entitled *Advances in the Measurement of T-cell Dynamics Using*

Stable Isotopes and Mass Spectrometric Analyses Open New Questions to Experimental Study. **He** also gave an invited talk at Pfizer, Inc. (Groton, CT) entitled *Measurement of Reverse Cholesterol Transport in vivo*. **Dr. Hellerstein's** paper on caloric restriction and cell proliferation in the May 2005 *American Journal of Physiology* (288:E965-72) received extensive media coverage, including a feature article in the *Economist*. Visitors to the Department of Nutritional Sciences and Toxicology: In February, Jennie Brand-Miller, Professor of Human Nutrition, University of Sydney, Australia, came and discussed the glycemic index, glycemic load and obesity in relation to weight-loss diets. In March, **David S. Ludwig**, Director of the Obesity Program, Children's Hospital, Harvard Medical School, talked about the low-glycemic diet, a perfect compromise between the low-fat and low-carbohydrate diets. In April, the department hosted **Patrick Stover**, Professor of Nutritional Sciences, Cornell University. He discussed the evidence for nuclear folate metabolism. Also, **John Beard**, Professor of Nutrition, Penn State University lectured on "Iron nutrition and the central nervous system", sponsored jointly with the BioIron Center, Children's Hospital, Oakland. The fourth annual **Doris Howes Calloway** Memorial lecture entitled "Genetic and Environmental Factors contributing to Childhood Obesity in the Hispanic Population" was presented in April by **Nancy F. Butte**, Professor of Pediatrics, Children's Nutrition Research Center, Baylor College of Medicine, Houston, TX.

From the University of Hawaii at Manoa...Dian Dooley served as Chair for the national Education Division in IFT for the past year. In that capacity at this year's meeting in New Orleans (16-20 July), **she** co-developed and co-moderated (with Cheryl Reitmeier, Food Science, Iowa State University) the symposium: Food Science Education: A Question of Ethics. Her presentation in the symposium was "Ethics of the scholarship of teaching and learning (ethics of inquiry)." In addition, she presented a poster on work completed with two undergraduate nutrition students (Annie Leong and Michael Holley): "Undergraduate and faculty collaboration: Do gender or ethnicity matter in making ethical decisions about nutrition?" In May, **Dr. Dooley** also attended the "Diet and Optimum Health" conference in Portland, OR. The three-day conference was sponsored by the Linus Pauling Institute.

Information for **Dateline West** should be sent to **Mark** or **Shelley McGuire** (mmcguire@uidaho.edu and/or smcguire@wsu.edu)

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

From Baylor College of Medicine...Francene Steinberg and **Michael Murray** organized and chaired a minisymposium, "Soy and Potential Health Benefits," at *EB2005*. **Francene Steinberg** and **Michael Murray** are collaborators on the multi-center project, Osteoporosis Prevention Using Soy (OPUS). A total of 40 abstracts were submitted to the minisymposium, representing a 48% increase from last year. **Bill Wong** organized the third annual OPUS team meeting in San Diego, California on April 4, 2005. Karen Konzelmann and **Richard Lewis** co-chaired the meeting. Attendees of the meeting were Stephen Barnes and Helen Kim from the University of Alabama at Birmingham; Paula Amato, Ronald Young, Lucinda Clarke, and Pamela Burns from Baylor College of Medicine; **Joan Fischer** and **Mary Ann Johnson** from the University of Georgia at Athens; **Francene Steinberg** and Diana Johnson from the University of California at Davis; Michael Murray from the Kaiser Foundation Research Institution at Sacramento; **Sharon Robinson** and Mickey Bielamowicz from the Texas Cooperative Extension at Texas A&M University; **Mark Messina** from

Nutrition Matters, Inc; **Susan Welsh** from the USDA CSREES; Karen Ford from Acacris Inc, USA; and the *EB2005* minisymposium speakers (**Krista Power** and **Lilian Thompson** of the University of Toronto; **John Williams** of the University of South Dakota; **Jin-Rong Zhou** of the Beth Israel Deaconess Medical Center; **Johanna Lampe** of the Fred Hutchinson Cancer Research Center; Kylie Kavanagh of Wake Forest University School of Medicine; and **Shanmugam Nagarajan** of the Arkansas Children's Nutrition Center).

From Colorado State University...Jennifer Anderson received the Alumni Association Distinguished Cooperative Extension Award, 2005 and was an invited speaker at the Tennessee Dietetic Association's Annual Meeting ("Alternative Strategies for Nutrition Education Using Interactive Multi-Media"), the West Virginia Dietetic Association's Annual Meeting ("Getting Your Message Across"), the Colorado Anti-Hunger Network Summit ("Child Nutrition: Investing In Our Future"), and the Colorado FCE Conference ("What Nutrients Are In Your Bag"). Mary Harris, **Christopher Melby** and **Michael Pagliassotti** were invited speakers at the 2nd Annual Western Colorado Nutrition Conference.

From South Dakota State University...Bonny Specker, Director of the Ethel Austin Martin Program in Human Nutrition at SDSU, presented "The influence of rapid growth on skeletal adaptation to exercise" at the Harold Frost Memorial Meeting, Institute for Biophysical and Clinical Research into Human Movement, Manchester Metropolitan University, England in May 2005. Teresa Binkley, also of the E.A. Martin Program, presented "pQCT findings in children with cystic fibrosis and cerebral palsy vs. control children" at the 2nd Black Forest Forum for Musculoskeletal Interactions, Bad Liebenzell, Germany in May. At the 3rd International Conference on Children's Bone Health in Sorrento, Italy in May, **Dr. Specker** presented "Bone measurements by peripheral quantitative computed tomography in children with cerebral palsy," and Tasha Ballard presented "Peripheral quantitative computed tomography bone measurements in children with cystic fibrosis".

From Texas A&M University... Michael McBurney accepted the position of Professor and Chair, in the new Department of Nutrition and Food Science and began his duties in August. **Robert Chapkin** presented an invited talk entitled "Chemoprotective/Anti-inflammatory Fatty Acids: Implications of Lipid Microdomains" at the Department of Nutrition, University of North Carolina, Chapel Hill in May. **Dr. Chapkin** also recently completed his tenure as a standing member of the Chemo/Dietary Prevention Study Section and the Metabolic Pathology Study Section at NIH. **Joanne Lupton** traveled to Beijing, China in June to give a talk on "The current status of the definition of dietary fiber in the US and the major issues of disagreement worldwide on a definition for dietary fiber" at the 3rd Meeting of Nutrition and Health Food Committee Symposium on Dietary Fiber. **Dr. Lupton** also spoke at the Multidisciplinary Research Unit (MDRU) Conference in McLean, VA in June ("The importance of optimal nutrition to long duration spaceflight: Foods for the future"). **Dr. Lupton** participated in a program filmed by NASA Science Files to be aired on PBS television. In July **she** attended the IFT Annual Meeting and spoke on "The 2005 Dietary Guidelines for carbohydrates and fiber", and "The 2005 Dietary Guidelines Perspective on: Glycemic carbohydrates and sugar." **Lisa Sanders** has accepted a postdoctoral position with **Steven Zeisel** at UNC-Chapel Hill, starting in September.

From Texas Woman's University...Two studies resulting from collaborations between Texas Woman's University, Denton and UT Southwestern Medical Center, Dallas received two awards at EB05. "Comparative effects of high-fat cottonseed and

soybean oil diets on human prostate LNCaP tumor growth and VEGF gene expression in BALB/c nude mice" by **Arpita Basu, Michael Bennett, John D Radcliffe, Nat Mills, Vicky Imrhan** was selected as the best poster in Diet & Cancer RIS graduate student competition. The second was "Vitamin E succinate (VES) modulates LNCaP xenograft growth and gene expression in BALB/c nude mice fed two levels of dietary fat" by **Arpita Basu, Michael Bennett, Nat Mills, Vicky Imrhan**, which received a best poster award in both the Vitamin & Mineral RIS and Nutrient-Gene Interaction RIS graduate student competitions. **Arpita Basu** is now pursuing postdoctoral work at UC Davis Medical Center.

From the University of Arkansas Medical Sciences... **William Evans** was a visiting professor at the UCLA Center for Human Nutrition in April. On June 21, he gave endocrine grand rounds at the University of Virginia School of Medicine. His talk was titled "Macronutrient Intake and Energy Balance". **Dr. Evans** was an invited witness for the US Senate Subcommittee on Aging on June 30, 2005. He testified on the biological basis of disability in elderly people and discussed lifestyle changes that older people can make to prevent chronic disease and late-life disability.

From the University of Nebraska-Lincoln... **Ji-Young Lee** has joined the Department of Nutrition and Health Sciences at the rank of Assistant Professor of Nutritional Genomics. **Ji-Young's** expertise is in the area of lipoprotein metabolism and atherosclerosis. She received her postdoctoral training in the laboratory of John Parks at Wake Forest University School of Medicine.

From the USDA/ARS Grand Forks Human Nutrition Research Center, Grand Forks, ND... **Gerald Combs, Janet Hunt** and **James Penland** are serving on the Institute of Medicine Committee on Military Nutrition Research and Committee on Mineral Requirements for Cognitive and Physical Performance of Military Personnel. They, along with **Henry Lukaski** participated in a workshop June 13-15, 2005 making the following presentations: **Dr. Combs** - "Drinking water as a source of mineral nutrition"; **Dr. Lukaski** - "Protein turnover and mineral metabolism" and "Zinc, magnesium and copper requirements and exercise"; **Dr. Hunt** - "Bioavailability of iron, zinc and copper as Influenced by host and dietary factors"; **Dr. Penland** - "Zinc and other mineral nutrients related to cognition and behavior". On April 20, 2005, **Gerald F. Combs, Jr.** presented the talk "Assessment of selenium status" to the American Society for Clinical Laboratory Science of North Dakota. **Dr. Combs** also made the presentation "Dakota Healthy Diet" to the Agriculture Chamber Group in Minot, ND, on May 13. He also spoke to the Greater Grand Forks Area Retired Teachers Association on May 17. On June 20, **Dr. Combs** presented "Health as a consumer value?" to the Western Coordinating Committee on Agribusiness in Las Vegas, NV. **Henry Lukaski** gave a presentation entitled "Ergogenic aids and performance enhancement" during the MeritCare Sports Conference, Fargo, ND, on May 14. The following is a list of seminars presented by scientists visiting the Grand Forks Human Nutrition Research Center: April 19 - **Sarah Booth**, Human Nutrition Research Center on Aging, Tufts University "Age-related bone loss and vascular calcification: A role for vitamin K?"; May 10 - **Manju B. Reddy**, Department of Food Science and Human Nutrition, Iowa State University, "Models for assessing iron bioavailability"; June 28 - **Y. James Kang**, Professor and Distinguished University Scholar, Department of Medicine, Pharmacology and Toxicology, University of Louisville, "Recovery of copper deficient cardiomyopathy".

Information for Dateline Rocky Mountains and Great Plains should be sent to **Nancy Turner**, Department of Animal Science, Texas A&M University, Rm. 218, Kleberg Bldg., 2471

TAMU, College Station, TX 77843-2471, TEL: 979-847-8714
Fax: 979-862-1862, email: nancy-turner@ansc.tamu.edu

Dateline Canada ... with Gordon Zello

From the Canadian Society for Nutritional Sciences (CSNS)...
The 48th Annual Meeting of the Canadian Federation of Biological Societies (Second Northern Lights Summer Conference) was held in Guelph, Ontario this past June. **Carla Taylor** was the recipient of the 2005 Centrum Foundation New Scientist Award from the CSNS. **Dr. Taylor** is an Associate Professor and Acting Head in the Department of Human Nutritional Sciences, University of Manitoba. The Award is based on outstanding contributions to research in nutrition to individuals within 15 years of completing their doctorate. **Dr. Taylor's** research program is nationally and internationally recognized in two key areas: 1) the interplay between nutrition, antioxidant status, and immune defenses and 2) the role of nutrients/bioactives in modulating insulin resistance. She is the past recipient of the ILSI Future Leader Award in Nutrition, as well as numerous institutional awards recognizing her commitment to teaching. Her research programs are funded by NSERC, provincial and national granting agencies, and industry. Her Award Lecture "What Are the Molecular and Cellular Roles of Zinc in Immune Defense?" was presented at the Annual Meeting. **Stanley Zlotkin** received the 2005 Earle Willard McHenry Award which is sponsored by Canadian Council of Food and Nutrition (CCFN) at the CSNS Annual Banquet. **Dr. Zlotkin** is a Professor of Pediatrics and of Nutritional Sciences at the University of Toronto, Chief, Division of GI/Nutrition, Hospital for Sick Children, and a Fellow of the University of Toronto Centre for International Health. The award is given in recognition of his longstanding distinguished service to the field of nutrition. Evidence of **Dr. Zlotkin's** dedication to the nutritional sciences community includes: Membership on the Micronutrient Panel of the National Academy of Sciences, Food and Nutrition Board; Chair of the Nutrition Committee of the Canadian Pediatric Society; Past-president of the CSNS; Chair of the Scientific Council, Danone Institute Canada; plus service to numerous committees within the University and The Hospital for Sick Children. **Dr. Zlotkin's** successful career has also been commemorated by other awards including the H.J. Heinz Humanitarian Award; the Raine Foundation Visiting Professor, University of Western Australia; and the Borden Award in Nutrition from the CSNS. Of particular relevance to his receipt of the McHenry Award is **his** substantial contribution to the eradication of iron and other micronutrient deficiencies in less-developed countries. These contributions have occurred through an innovative program involving evidence-based research, partnership development, and "Sprinkles". The program has been funded by institutional, national and international granting and aid agencies, and is proving to be efficacious in many countries in reducing micronutrient deficiencies. James House, University of Manitoba, chaired the Nestle Nutrition Graduate Students Award Presentations. A large slate of abstracts were submitted from which 8 students were selected to participate in the oral competition: Pearl Breitman, Lisa Houghton, **Hedy Ip**, Shirin Panahi, Ana Piekarz, and **Ignatius Szeto**, all from the University of Toronto; Monica Iskandar, Health Canada; and Deepak Jain, McGill University. Three awards were presented to **Hedy Ip** (supervisor **Stanley Zlotkin**), Lisa Houghton (supervisor **Deborah O'Connor**) and Ana Piekarz (supervisor **Wendy Ward**). **Bruce Holub** presented the CFBS Gordin Kaplan Award Public Lecture titled "Good Fats, Bad Fats and Heart Health". Also at this meeting the Danone Institute Award was presented to **George Beaton**, University of Toronto. **Harvey Anderson**, University of Toronto and Peter Jones, McGill University chaired a symposium on the Regulation of Food Intake and Interaction with Exercise. Speakers were **Stephen Benoit**, University of Cincinnati;

Angelo Tremblay, University of Laval; **Britt Burton-Freeman**, University of California Davis; and **Harvey Anderson. Mary Ellen Harper**, University of Ottawa, chaired a session on Nutrition and Metabolic Programming with **John Challis**, University of Toronto; **Leslie Kozak**, Louisiana State University; **Robert A. Waterland**, Baylor College of Medicine; **Constantin Polychronakos**, McGill University, giving talks. Perspectives on the DRIs were given in talks by Danielle Brulé, Health Canada; **Linda D. Meyers**, Institute of Medicine; **Susan Barr**, University of British Columbia; and **Stephanie Atkinson**, McMaster University, in a session chaired by Peter Fischer from Health Canada. **James Friel** led a session of presentations by Chantal Martineau, Health Canada, **Frank Greer**, University of Wisconsin School of Medicine, **Stephen Cunnane**, University of Sherbrooke and **Stanley Zlotkin**, University of Toronto, on Infant Feeding Patterns and the New Recommendations to Extend Exclusive Breastfeeding.

From the University of Saskatchewan... Julia Ewaschuk received the Governor General's Gold Medal which is awarded to the graduate student with the highest academic standing at the University. She earned her Ph.D. in Nutrition in 2004 (supervisor: **Gordon Zello**) and is now conducting post-doctoral studies at the University of Alberta. Her research has led to a new understanding of the origins of metabolic acidosis, a condition present in neonatal diarrhea and major source of economic loss to livestock enterprises in Canada.

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

Dateline The Netherlands and Europe ...with Sue Fairweather-Tait

We bid farewell to Dr Fairweather-Tait who, lo! these four years has brought us news from across the ocean. We thank her and welcome to *Nutrition Notes* The Netherlands and Europe, both Drs Van Wouwe and Winklhofer-Roob.

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

Announcement: Effective June 1, 2005, manuscripts submitted to The Journal of Nutrition will be assessed a submission fee.

Starting June 1, 2005, manuscripts submitted to The Journal of Nutrition (JN) will be assessed a \$75.00 submission fee. The submission fee will be waived for invited authors, and JN will consider requests to waive the fee for cases of financial hardship. The fee will be processed via e-commerce as a final step during manuscript submission in the JN manuscript processing system (<http://submit.nutrition.org>). Authors will be able to pay the submission fee by credit card, by check or by institutional purchase order. Waiver requests can be submitted online, during the payment step in the manuscript submission process. All waiver requests will be processed promptly.

The decision to implement a manuscript submission fee was made after careful review of increased costs in several areas, including costs related to the manuscript peer-review process. Since the implementation of online manuscript submission in January, 2002, submissions to The Journal of Nutrition have increased by 65%, and the costs for activities and systems that support the peer-review process have increased accordingly. The submission fee will help offset a portion of the costs associated with peer review, and, along with other sources of revenue, will allow JN to continue to provide expert evaluation of manuscripts and rapid publication of research in all areas of nutrition.