

**MINUTES OF THE NUTRITION COORDINATING COMMITTEE (NCC)
MEETING, NATIONAL INSTITUTES OF HEALTH (NIH)**

Rockledge 2, Conference Room 9100-9104, Bethesda, MD
September 6, 2012 2:00 – 4:00 PM

WELCOME

Dr. Van Hubbard, Director, NIH Division of Nutrition Research Coordination (DNRC), convened the meeting at 2:00 PM and welcomed participants. Phone participants included the following: Dr. Nadine Braunstein, Towson University; Dr. Katrina Butner, OASH ODPHP; Dr. Amber Courville, NIH CC; Dr. Mary Cutting, NIH NIDCR; CAPT Larry Grummer-Strawn, CDC; LCDR Merel Kozlosky, NIH CC; Dr. Megan Miller, NIH NIDDK; Ms. Amber Mosher, OASH ODPHP; Dr. Samara Joy Nielsen, CDC NCHS; Dr. Rick Olson, OASH ODPHP; Dr. Charlotte Pratt, NIH NHLBI; Dr. Dan Raiten, NIH NICHD; Dr. Tonse Raju, NIH NICHD; Ms. Dana Sampson, NIH OBSSR; and Dr. Kelley Scanlon, CDC. The agenda for the meeting is provided as Appendix A and the list of attendees is provided as Appendix B.

Dr. Hubbard, DNRC, introduced Dr. Sheila Fleischhacker to the NCC. Sheila is the new Senior Public Health & Science Policy Advisor at the DNRC and brings a wealth of experience to the group. One of her primary focuses will be health disparities. Prior to coming to NIH, Sheila was an Adjunct Assistant Professor of Nutrition at the University of North Carolina Center for Health Promotion and Disease Prevention in Chapel Hill, NC and a Manager, of Food, Health, and Nutrition at the Institute of Food Technologists.

APPROVAL OF MINUTES FROM THE JUNE 7, 2012 NCC MEETING

Minutes from the June 7, 2012 NCC meeting had previously been sent to NCC members via email. Dr. Hubbard asked if there were any other corrections to the minutes. There were none. Dr. Linda Duffy, National Center for Complementary and Alternative Medicine (NCCAM), made a motion to approve the minutes, and Dr. Cindy Davis, NIH Office of Dietary Supplements (ODS), seconded the motion. The minutes were thus approved and will be posted on the DNRC website, <http://www.dnrc.nih.gov>, along with the minutes from the previous NCC meetings.

FDA Consumer and School-Based Nutrition Education Programs

Dr. Mary Poos, Deputy Director of the Office of Nutrition, Labeling and Dietary Supplements at the FDA Center for Food Safety and Applied Nutrition, provided an overview of FDA's nutrition education initiatives, which include education programs, materials and outreach. The purpose of these efforts is to educate consumers to use

the Nutrition Facts Label and other package information to develop lifelong healthful nutrition practices.

Dr. Poos provided an overview of FDA's two primary education programs. The *Spot the Block* program, a tween-targeted health promotion campaign was created to help combat childhood obesity by encouraging "tweens" (ages 9 to 13) to use the Nutrition Facts Label to make healthful food choices. In addition to tween activities there are also tips for parents and materials to help them talk to their kids about the Nutrition Facts Label. *Make Your Calories Count* is a Web-based interactive learning program designed to help consumers use the Nutrition Facts Label to manage caloric intake and weight while planning a healthful diet. The website features several on-line training modules, transcripts, and materials that can be downloaded.

In addition to the programs mentioned above, FDA has an [education resource library](#) where a number of brochures, fact sheets, and videos can be found. Educators can also sign up to receive a [newsletter](#) that offers tips on nutrition and information about upcoming meetings and events. Another resource will soon be available through a partnership with [Whyville](#), a virtual world for children, where children can relate information on the Nutrition Facts Label to health and wellness through games.

Dr. Poos also described FDA's school-based education program that builds on a 12-year partnership with the National Science Teachers Association (NSTA). The goals of this program are to improve student literacy related to nutrition, teach children about the food label to help them make healthier food choices, and to help combat childhood obesity using school-based education about nutrition. This program aims to educate teachers about the science of nutrition and food safety, through workshops and online tutorials, and to provide teachers with lesson plans and activities to use in their classrooms. Additional partners include the American Association of Family and Consumer Sciences, the National Association of Biology Teachers, the Association of Middle Level Education, the National School Board Association and the American Alliance for Health, Physical Education, Recreation and Dance.

For additional information about the programs or resources listed above, contact Marjorie Davidson (Marjorie.Davidson@fda.hhs.gov) or Louise Dickerson (Louise.Dickerson@fda.hhs.gov).

ODPHP UPDATE

Ms. Holly McPeak provided several updates from ODPHP:

Vacancy Announcement

ODPHP is currently looking for a Nutrition Advisor (GS-14) to replace the spot vacated by Rachel Hayes earlier this year. The closing date is September 19th. If you know of anyone who might be interested in the position, please share the [announcement](#).

Upcoming Webinar

Eat Healthy* Be Active Community Workshops: On Wednesday, Sept 12, 2012, ODPHP is sponsoring a Webinar entitled “Eat Healthy* Be Active Community Workshops” that is posted on the ODPHP web site: www.health.gov/dietaryguidelines. Tune in from 2:00 – 3:00 p.m. to hear an overview of their new tools for educators and health professionals to teach adults, including those with limited health literacy. The workshops communicate messages from the *Dietary Guidelines for Americans, 2010* and the *Physical Activity Guidelines for Americans, 2008* and include the USDA’s MyPlate “Ten Tips” and other resources, including evaluation tools and a sample certificate for participants.

Designed for lay leaders, the workshops can be used at the community level, faith-based organizations, classrooms, and brown bag lunches at the worksite, as examples. ODPHP’s very own Amber Mosher will moderate the Webinar and Katrina Butner will present the qualitative research (ten pilot sites) that provided feedback for development to make these workshops a hit at the local level. Sarah Burkett, Senior Extension Agent from Virginia Cooperative Extension, one of the pilot sites from Virginia, will be sharing her experiences, feedback and her local success story. The workshops will be available in PRINT, by early October, thanks to a collaboration and partnership with FDA’s Center for Food Safety and Applied Nutrition which is printing 10,000 copies. Thanks to Howard Seltzer for distributing copies through the FDA regional Public Affairs Specialists and offering copies free from their warehouse ---the link will be provided on the ODPHP website. The workshop handbooks will be distributed at the Academy of Nutrition and Dietetics and American Public Health Association annual conferences this fall.

Dietary Guidelines, 2015:

The MOU with USDA to work on the Dietary Guidelines Advisory Committee (DGAC) process has been signed by both Dr. Howard Koh and USDA Under Secretary Kevin Concannon. ODPHP, in collaboration with USDA/CNPP, has drafted a charter, balance plan, by-laws, timeline, and the HHS financial operating plan. The charter is undergoing final clearance and will not go into effect until January 2013 to give the DGAC two years to function. The first Federal register notice for the intent to establish the DGAC and nominations announcement has been drafted and ODPHP hopes to proceed thru

clearance and have it out to the public by mid fall. Some delays may occur due to the upcoming elections. ODPHP hopes to have the DGAC nominees in place by January in order to have the first DGAC meeting in April. All meetings will be held at the Natcher Conference Center at NIH. The public will be able to attend the first 2 meetings in person; all meetings will be webcasted, transcribed and posted on the www.dietaryguidelines.gov website. ODPHP will post the DGAC Timeline soon on their website.

ODPHP has received several calls lately as to when the call for nominations will take place. They will be sending out emails through all of their common list serves. They will also provide the call to NCC members so it can be forwarded to colleagues and experts in the field.

Physical Activity Guidelines (PAG) for Americans Mid-course Review

The Physical Activity Guidelines Mid-course Report is coordinated by the Office of Disease Prevention and Health Promotion (ODPHP), in collaboration with the President's Council on Fitness, Sports & Nutrition (PCFSN), CDC, and NIH. A subcommittee of the PCFSN, comprised of experts in physical activity in both federal and non-federal sectors, was formed this spring. The subcommittee has been tasked to review the evidence on intervention strategies for increasing physical activity among youth, ages 3-17 and present its finds in a report. The report is anticipated to be completed in CY 2012 and released in 2013. An in-person meeting was held in August at HHS and another in-person meeting is planning for October. There will be an opportunity for public comment on the report in late October; a notice about the availability for public comment will be posted in the Federal Register and distributed by ODPHP.

Dietary Guidelines 0-2 Federal Steering Committee

Dr. Dan Raiten, NICHD, and Dr. Van Hubbard, DNRC provided an update on this activity. The *Dietary Guidelines for Americans* has traditionally focused on Americans ages 2 and above. However, the 2010 Dietary Guidelines Advisory Committee, as well as the Institute of Medicine, made the recommendation to provide similar guidance for children ages 0-2. As a result, DHHS and USDA initiated a collaborative project earlier this year to develop a process to determine the breadth and scope of evidence available to inform development of dietary guidance for this population.

As part of this effort, USDA and DHHS will convene a research workshop in early 2013. The goal of the workshop is to evaluate available evidence and determine pertinent literature review questions. A federal steering committee, a workshop planning

committee, and four separate work groups comprised of subject-matter experts will be involved with this effort. These groups are focusing on research and significant research gaps pertaining to nutritional guidance for infants 0-6 months, infants 6-12 months, toddlers 12-24 months, and caregivers. The workgroups will be working closely with the USDA Nutrition Evidence Library determining how systematic reviews can best be utilized for nutritional guidance. NICHD will serve as the Secretariat for this initiative. For more information contact Dan Raiten (raitend@mail.nih.gov).

THE SURGEON GENERAL'S CALL TO ACTION TO SUPPORT BREASTFEEDING: AN UPDATE

Dr. Derrick Tabor, NIMHD, announced that through the efforts of several individuals on the NCC, there will be an opportunity to promote the *Surgeon General's Call to Action to Support Breast Feeding*. Under the leadership of Ursuline Singleton, MPH, RD, DHHS: Office on Women's Health, an integrated panel titled *Implementing of the Surgeon General's Call to Action to Support Breast Feeding: Key to Eliminating Health Disparities* will be part of the upcoming 2012 Summit on the Science of Eliminating Health Disparities at the National Harbor, October 31-November 3, 2012. Ursuline Singleton will moderate the panel. Panel members include: Michal Young, M.D., Chairman, Dept. of Pediatrics and Child Health, Howard University School of Medicine; Kimmarie Bugg, MSN, MPH, Director/Founder, Reaching Our Sisters Everywhere (ROSE); and Rosalyn King, Ph.D., Center for Population Research, Eunice Kennedy Shriver National Institute of Child Health and Human Development. Additional details will be provided as they become available.

A number of additional activities have been initiated to support new research and promote breastfeeding including:

- Creation of a Trans-NIH Scientific Interest Group on breastfeeding; for information contact Dr. Tonse Raju/NICHD (rajut@mail.nih.gov)
- In response to the Surgeon General's Call to Action to promote breastfeeding, Dr. Larry Grummar-Strawn reported on the effort to create a national consortium on breastfeeding research which would include membership from federal agencies as well as the clinical/academic communities representing the full range of disciplines relevant to the breastfeeding agenda (e.g., Ob/Gyn, nutrition, immunology, physiology, epidemiology, health economics, psychology, sociology, anthropology, and public health law). Dr. Grummar-Strawn reported that the DHHS Office of Women's Health has offered to help with logistics and travel to support this group's efforts.
- A proposal has been submitted for a 2014 RFA on mammary gland development, lactation biology and factors affecting successful implementation and sustainability

of breastfeeding. For more information, contact Dr. Dan Raiten (raitend@mail.nih.gov).

If NCC members are interested in becoming more involved in any of these activities or are aware of other individuals who would be able to offer a contribution to the overall effort, please contact the DNRC.

ODS UPDATE

Dr. Cindy Davis, ODS, announced that the 2012/13 Office of Dietary Supplements Seminar Series is now available.

The next seminar will take place on Wednesday, October 10th. Dr. Patrick Stover from Cornell University will give a talk entitled, *Mouse Models for Biomarker Discovery and Mechanism Elucidation of Folate-Responsive Neural Tube Defects and Intestinal Cancer*.

The full seminar schedule can be found in Appendix C.

NIH NUTRITION RESEARCH REPORT

The DNRC is working on a 2011/2012 NIH Nutrition Research Report. The report will expand upon the Report of the NIH Program in Biomedical and Behavioral Nutrition Research and Training that is currently available on the DNRC website (<http://www.dnrc.nih.gov/reports/programs/toc.asp>). The report will highlight funding trends from HNRIM data, recent nutrition press releases, key trans-NIH and federal nutrition research collaborations, and collaborative workshop/symposium highlights. In addition, it will include a section on IC Nutrition Research Directions. Most ICs have already provided this type of information and have an IC profile in the Report. Karen Regan will be contacting IC representatives via email in September to request updates to the IC profile along with some other information that will be included in the 2011/12 Report. The DNRC welcomes any feedback or thoughts about additional information that would strengthen the quality and utility of the report, which will be aimed at the research and academic community as well as members of interested professional organizations. Please contact Ms. Rachel Fisher with suggestions (Rachel.fisher@nih.hhs.gov).

UPCOMING WORKING GROUP ON FUTURE DIRECTIONS FOR IMPLEMENTING NUTRITION ACROSS THE CONTINUUM OF MEDICAL EDUCATION, TRAINING AND RESEARCH

Dr. Charlotte Pratt, NHLBI, provided an overview of an upcoming meeting that will be taking place on September 10-11, 2012 in Bethesda (6701 Rockledge Drive).

This two-day working group meeting is designed to guide future directions for implementing nutrition across the continuum of medical education and specialty training. The intended outcome is a set of recommendations to medical schools, health professional organizations, the NHLBI and other funding agencies 1) on the content and implementation of nutrition and healthy lifestyles education, training and competency testing across the continuum of medical education, and for practicing physicians and other health care providers, and 2) on integrating medical nutrition education, training and research into patient care.

For more information, contact Dr. Pratt at (prattc@nhlbi.nih.gov).

REPORTS FROM NCC MEMBERS AND LIAISONS

- Dr. Van Hubbard, DNRC, announced that the National Football League (NFL) recently granted \$30 million to the Foundation for the National Institutes of Health (FNIH) to support new sports medicine research. This contribution makes the NFL the founding donor to a new Sports and Health Research Program, which will be conducted in collaboration with NIH institutes and centers. The specific details of the program are under development, but a potential area of study involves accelerating the pace of discovery to support the most innovative and promising science of the brain, including: chronic traumatic encephalopathy (CTE); concussion management and treatment; and the understanding of the potential relationship between traumatic brain injury and late-life neurodegenerative disorders, especially Alzheimer's disease.

Dr. Hubbard mentioned that another area of interest is nutrition and its role in the inflammatory response to traumatic brain injury. If anyone is interested in this area, please contact the DNRC.

- Dr. Hubbard also announced an upcoming seminar, *Nutritive and Non-nutritive Sweeteners and Obesity*, part of a joint seminar series of the NIDDK Clinical Research Obesity Panel (CORP) and the NIH Obesity Research Task Force. The seminar will take place on Thursday, September 13th at Lister Hill from 8:00am – 2:00pm.
- Mr. Cliff Johnson, NCHS, announced that he will be retiring later this year. He introduced Dr. Namanjeet Ahluwalia, the Division's new Senior Nutrition Policy

Advisor who will be responsible for coordinating nutrition monitoring efforts at NHANES. The NCC welcomed Dr. Ahluwalia to the group and looks forward to working with her.

- Dr. Barry Portnoy, ODP, announced that on September 24th Dr. David Murray will begin his position as the new Director for Disease Prevention and Director of the NIH Office of Disease Prevention. Dr. Murray had previously been a Professor and Chair of the Division of Epidemiology in the College of Public Health at Ohio State University.
- Dr. Padma Maruvada, NIDDK, reminded the NCC of an upcoming meeting, *Clinical Research Strategies for Fructose Metabolism*. Dr. Maruvada said that there is still space if there is anyone who would like to register and has not yet done so (<http://www.scgcorp.com/FructoseMetab2012/registration.asp>). The meeting will take place on November 13-14, 2012 in Building 31 on the NIH campus.

CURRENT DNRC UPDATE OF ACTIVITIES

Nutrition Education Subcommittee:

The NES reviews nutrition education materials for consistency with the *Dietary Guidelines for Americans (DGAs), 2010*.

NES Chair, Dr. Margaret McDowell, NIH/DNRC, reported that the NES completed six dietary guidance reviews since the June NCC meeting. The completed dietary guidance reviews are as follows:

NHLBI's *We Can!* and the Children's Museum of Manhattan (CMOM) Obesity Prevention Curriculum- The curricula targets parents of young children and children themselves as well as the community organizations that serve this population. The curricula address a variety of topics including tips for cooking with children, making healthier substitutions when cooking, encouraging family meals, modeling positive dietary and physical activity behavior, supporting children's physical activity, and setting (and enforcing) limits on screen time.

USDA/CNPP Know Your Farmer, Know Your Food Information Sheets-

USDA/CNPP interns and staff developed a set of information sheets for consumers on topics related to gardening and preparing produce. The materials will be added to the CNPP Website: www.cnpp.usda.gov/KnowYourFarmer.htm

NIH/NICHD Updated *Media-Smart Youth Curriculum Materials*- The materials include a Facilitator’s Guide and extensive curriculum activities that are designed to empower and educate young people to make thoughtful decisions about nutrition and physical activity. The Media Smart Youth website will be updated with the revised resources.

NIH/ODS Vitamin A QuickFacts- The fact sheet is one of a series prepared by the ODS. QuickFacts are written for the educated, health-conscious layperson without a background in nutrition or medicine. The QuickFacts will be posted on the ODS website.

HRSA “Bright Futures” Women’s Health and Wellness (BFWFW)- Bright Futures is an initiative of the Health Resources and Services Administration’s Office of Women’s Health(OWH). The BFWFW program was designed to develop, expand, and enhance comprehensive, community-based, family-centered care through health promotion and disease prevention. The educational materials disseminated through this program are gender and age specific and promote physical, emotional, social and spiritual health. Specific resources offered include Maternal Wellness Tools, Physical Activity and Healthy Eating Tools, and Emotional Wellness Tools. These resources are available in hard copy in limited quantities as well as online.

NIH/NHLBI Your Guide to Physical Activity and Your Heart Materials- NHLBI’s Office of Communications updated the full and brief versions of the *Your Guide to Physical Activity and Your Heart* guides to align the content with the *2008 Physical Activity Guidelines*. The updated materials will be available for download as PDFs on the NHLBI website.

The NES is currently reviewing two new tip sheets prepared by USDA/FNS: “*Tips for Pregnant Moms*” and “*Tips for Breastfeeding Moms*.” The materials will be made available on the WIC Works Resource System website once approved. The tip sheets will be printed and added to the WIC publications ordering list for WIC Staff to order. The materials will also be linked to the MyPlate.gov homepage.

International Subcommittee Information

Dr. Raiten reminded the NCC that the Inflammation and Nutritional Science for Programs/Policies: Interpretation of Research Evidence (INSPIRE) workshop will be held November 28-30, 2012 in Bethesda. Contact Dr. Raiten if you would like more information.

Dr. Raiten also mentioned that the World Health Organization will be serving on the Dietary Guidelines 0-2 Workshop Planning Committee, which is an important step in harmonizing global nutrition efforts.

Prebiotic and Probiotic Working Group (PPWG)

Dr. Crystal McDade-Ngutter, DNRC, provided the following updates:

- PPWG has opened its membership to other federal agencies outside of NIH. If you know of someone who would be interested in joining PPWG from an outside agency, please notify Crystal McDade-Ngutter at mcdadengutterc@mail.nih.gov.
- PPWG has also implemented quarterly meetings in an effort to comply with the new Scientific Interest Group guidelines. The first face-to-face meeting will take place on October 18, 2012. For more information, please contact Dr. McDade-Ngutter.

NIH Health and Wellness Council (HWC) Updates

The DNRC exhibited at the 2012 NIH *Safety Health and Wellness Day* event held at the NIH Natcher Conference Center on August 29th. The DNRC also coordinated with Ms. Mary Harris, USDA/FSIS to have the USDA/FSIS *Food Safety Discovery Zone* mobile van participate in the event on-campus. The event was a huge success. More than 500 visitors visited the USDA exhibit, including approximately 75 children and teachers from the POPI NIH childcare center. The USDA staff showed the children an engaging audio-visual presentation in the mobile van. Mobile van link:

<http://www.fsis.usda.gov/foodsafetymobile/>

NEXT NCC MEETING

The next regularly scheduled NCC meeting will be on October 4, 2012.

ADJOURNMENT

The meeting was adjourned at 4:00 PM

LIST OF APPENDICES

Appendix A: NIH NCC Meeting Agenda for September 6, 2012

Appendix B: NIH NCC Meeting Attendees for September 6, 2012

Appendix C: NIH Office of Dietary Supplements 2012-2013 Seminar Series

APPENDIX A: NIH NUTRITION COORDINATING COMMITTEE MEETING AGENDA

Thursday, September 6, 2012

2:00 – 4:00 pm

Rockledge 2, CR#9100-9104

1. **Welcome**.....Van Hubbard
2. **Approval of Minutes of June 7, 2012 Meeting**Van Hubbard
3. **FDA Consumer and School-Based Nutrition Education Programs**Mary Poos, FDA
4. **ODPHP Update**.....Holly McPeak, ODPHP
5. **The Surgeon General’s Call to Action to Support Breastfeeding: An Update**.....Derrick Tabor, NIMHD
Dan Raiten, NICHD
Larry Grummer-Strawn, CDC
6. **ODS Update**Cindy Davis, ODS
7. **NIH Nutrition Research Report**.....Rachel Fisher, Margaret McDowell
& Karen Regan, DNRC
8. **Upcoming Working Group on Future Directions for Implementing Nutrition across the Continuum of Medical Education, Training and Research**.....Charlotte Pratt, NHLBI
9. **Reports from NCC Members and Liaisons** NCC Members
10. **Current DNRC Update of Activities**..... DNRC Staff
 - Nutrition Education Subcommittee Update.....Margaret McDowell*
 - International Committee Information.....Pam Starke-Reed/Dan Raiten
 - HNRIM Update.....Jim Krebs-Smith/Karen Regan
 - PPWGCrystal McDade-Ngutter
 - Wellness WorkgroupRachel Fisher/Margaret McDowell
11. **Next Meeting** – October 4, 2012

* Updates will be included in the minutes of the meeting only

APPENDIX B: NCC MEETING ATTENDEES FOR SEPTEMBER 6, 2012

Agencies, Institutes, Centers, and Divisions	Members Present	Members Absent	Alternates Present	Other Individuals Present
DNRC Director	V Hubbard			
DNRC Deputy-Director	P Starke-Reed			
NIH MEMBERS				
NCI				P Greenwald
NHLBI	K McMurry			A Ershow; C Pratt
NIDCR	M Cutting			
NIDDK	R Kuczmariski			J Karimbakas; P Maruvada; M Miller;
NINDS		M Mitler		
NIAID		P Sato		
NIGMS		S Somers		
NICHD		G Grave	D Raiten	R Tonse
NEI		N Kurinij		
NIEHS		K Gray		
NIA		J Hannah		
NIAMS		J McGowan		X Wang
NIDCD		B Wong		
NIMH		M Chavez		
NIMHD	D Tabor			
NIDA		G Lin		
NIAAA		R Breslow		
NINR		P Cotton		
NCCAM	L Duffy			
FIC		M Levintova		
NHGRI		S Basaric		
NIH LIAISONS				
CC	A Courville			M Kozlosky
CSR	R Garofalo			D Camp
NLM		M Corn		
OBSSR	D Sampson			
ODS			C Davis	B Sorkin
OD/ODP	B Portnoy			
PRCC		D Stredrick		
AGENCY LIAISONS				
AHRQ		I Mabry-Hernandez		
CDC/NCCDPHP	K Scanlon			L Grummer-Strawn
CDC/NCHS	C Johnson			N Ahluwalia; S Nielsen
FDA	M Poos		S Blakely	
HRSA		M Lawler		
IHS		T Brown		
ODPHP	H McPeak		R Olson	R Bhagat; K Butner; P Monahan; A Mosher; J Srinivasan

Agencies, Institutes, Centers, and Divisions	Members Present	Members Absent	Alternates Present	Other Individuals Present
USDA/ARS		D Klurfeld		
USDA/NIFA		D Toombs		
DOD	K Friedl			

Guests: N. Braunstein, Towson University ; Sarah Ohlhorst, American Society for Nutrition
DNRC: Y Chow; R Fisher; S Fleischhacker; J Krebs-Smith; C McDade-Ngutter; M McDowell; K Regan

APPENDIX C



ODS 2012-2013 Seminar Series

Wednesday, September 5, 2012, 11:00 am

Name: **James Simon, Ph.D.**
Professor and Director
New Use Agriculture and Natural Plant Products Program
Rutgers University

Topic: "Quality Control and Dietary Supplements: A Survey of Commercial Grape Seed Derived Products"

Location: *EPN, 6130 Executive Blvd., Room J*

Wednesday, October 10, 2012, 11:00 am

Name: **Patrick Stover, Ph.D.**
Professor & Division Director Division of Nutrition
Cornell University

Topic: "Mouse Models for Biomarker Discovery and Mechanism Elucidation of Folate-responsive Neural Tube Defects and Intestinal Cancer."

Location: *EPN, 6130 Executive Blvd., Room J*

Wednesday, November 7, 2012, 11:00 am

Name: **Diane Birt, Ph.D.**
Distinguished Professor and Chair
Department of Food Science and Human Nutrition
Iowa State University

Topic: "Identification of Anti-Inflammatory Constituents in Species of *Echinacea* and *Hypericum*"

Wednesday, December 5, 2012

Name: Janet King, Ph.D.
Children's Hospital Oakland Research Institute

Nutrition & Metabolism Center

Topic: “Zinc, an Essential but Elusive Nutrient”

Location: EPN, 6130 Executive Blvd., Room J

Wednesday, January 16, 2013, 11:00 am

Name: Connie M. Weaver, Ph.D.
Distinguished Professor and Department Head
Director, Women’s Global Health Institute
Nutrition Science
Purdue University

Topic: “Evaluating Benefits and Risks of Dietary Supplements with rare Isotope of Calcium”

Location: EPN, 6130 Executive Blvd., Room J

Wednesday, February 13, 2013, 11:00 am

Name: **Margherita Cantorna, Ph.D.**
Professor, Molecular Immunology
Pennsylvania State University

Topic: “Vitamin D, the Microbiome and Immune Mediated Diseases”

Location: *EPN, 6130 Executive Blvd., Room J*

Wednesday, March 13, 2013, 11:00 am

Name: **Robert Chapkin, Ph.D. P**
Professor of Nutrition, Biochemistry and Biophysics
Department of Nutrition and Food Science Texas A&M University

Topic: "Why Don't We Believe That n-3 PUFA Can Reduce Colon Cancer Risk?"

Location: *EPN, 6130 Executive Blvd., Room J*

Wednesday, April 3, 2013, 11:00 am

Name: **Denise Ney, Ph.D.**
Professor of Nutritional Sciences
University of Wisconsin, Madison

Topic: "Glycomacropptide Provides a “Whey” Forward for Phenylketonuria"

Location: *EPN, 6130 Executive Blvd., Room J3*

Wednesday, May 8, 2013, 11:00 am

Name: **Shrikant Anant, Ph.D.**
Director Cancer Prevention and Control
The University of Kansas Cancer Center

Topic: “Targeting Cancer Stem cells: Are Natural Products Just Smarter?”

Location: *EPN, 6130 Executive Blvd., Room J*

Time for all Seminars: 11:00 – 12:00 pm

Location for all Seminars:

Executive Plaza North (EPN), 6130 Executive Blvd. Rockville, MD 20852