

**MINUTES OF THE NUTRITION COORDINATING COMMITTEE (NCC)
MEETING, NATIONAL INSTITUTES OF HEALTH (NIH)
Rockledge 2, Conference Room 9112-9116, Bethesda MD
November 4, 2004, 2:00-4:00 PM**

WELCOME

Dr. Van Hubbard, Director, Division of Nutrition Research Coordination (DNRC), convened the NCC Meeting at 2:00 PM and welcomed the participants. The agenda for the meeting is provided as Appendix A, and the list of attendees is provided as Appendix B. Participating via teleconference were Drs. Shirley Blakely (Food and Drug Administration (FDA) and on detail to the Department of Defense at USARIEM at Natick, Massachusetts), Darla Danford (National Heart, Lung, and Blood Institute (NHLBI)), Molly Kretsch (Agriculture Research Service (ARS), US Department of Agriculture (USDA)), Deb Galuska (Centers for Disease Control and Prevention (CDC)), and Jackie Wright (National Center for Health Statistics (NCHS), CDC).

Dr. Hubbard asked that the group observe a moment of silence for Dr. John La Montagne, Deputy Director of the National Institute of Allergy and Infectious Diseases (NIAID), who died on Tuesday, November 2, 2004 in Mexico City.

APPROVAL OF MINUTES FROM THE SEPTEMBER 2, 2004 NCC MEETING

Minutes from the September 2, 2004, NCC Meeting had previously been sent to NCC members via email. Dr. Hubbard asked if there were any corrections to the minutes. There were none. Dr. Sue Krebs-Smith, National Cancer Institute (NCI), made a motion to approve the minutes, and Dr. Becky Costello, 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 previous NCC Meetings.

AMERICAN TIME USE SURVEY: OPPORTUNITIES FOR FOOD ASSISTANCE, NUTRITION, AND OBESITY RESEARCH

Drs. Karen Hamrick (khamrick@ers.usda.gov) and Joanne Guthrie (jguthrie@ers.usda.gov), both from the USDA Economic Research Service (ERS) provided an overview of the ERS Food and Eating Module of the American Time Use Survey (ATUS) and identified potential opportunities for research on food assistance, nutrition, and obesity that could be related to this survey. The ATUS is a new Bureau of Labor Statistics program that surveys Americans on how they use their time. The core of the survey is a 24-hour time diary; however, also collected are demographic and labor force information. ERS is planning a module of questions to accompany the ATUS. Using this information, the ATUS data can be used to determine the relationships of time use patterns with eating patterns, nutrition, and obesity; food assistance programs; and grocery shopping and meal preparation. Research questions to be addressed include:

- Are certain patterns of eating and of time use associated with obesity?
- Does meal preparation time affect nutrition and other indicators of well-being?
- Are food assistance recipients more time pressured than others?
- What are the time benefits of school meals?

The Module includes questions on secondary eating, i.e., eating while engaged in another activity such as while watching TV; height and weight; food stamp benefit participation; school meals participation; and food preparation and grocery shopping. The Module is currently in cognitive pre-testing, and is expected to be added to the ATUS in 2005.

FEDERAL HIGHWAY ADMINISTRATION (FHWA) ROLE IN PUBLIC HEALTH PROMOTION AND HEALTH PARTNERSHIPS

Dr. David Belluck (david.belluck@fhwa.dot.gov), Senior Transportation Toxicologist at the Federal Highway Administration (FHWA), Office of Planning, Environment, and Realty, Office of Natural and Human Environment, provided an overview of the activities of the FHWA with respect to public health promotion and identified potential health partnerships with these activities. He discussed the role of the built environment as one of the possible factors leading to obesity and the potential role of FHWA in working with other partners to help understand the relationship of the built environment to obesity causation and control. Several research papers have noted that transportation and the built environment are main causes of obesity. The scientific merit of these papers is in question. The subject of obesity and the built environment is very complex. Dr. Belluck noted that in the near term, transportation should be part of the solution to the obesity problem. He mentioned a program entitled *What Works: Transportation and Public Health*, which community planners can use to build or change community infrastructure. This program uses pictures (a common language) to help explain various issues to health and transportation authorities. This partnership document will bring together the public health and transportation community to derive a shared vision of how transportation and public health work together. Dr. Belluck is also working on a conceptual paper with Virginia Tech that deals with literature reviews and the ability to rate the quality of papers from low to high on a continuum. This allows a focus on the high quality papers. Dr. Belluck expressed his willingness to work with other groups to determine how transportation could be used with regard to the prevention and reduction of obesity in communities. He noted that there will be a session on obesity and the built environment at the upcoming American Public Health Association (APHA) meetings and that there will be a half-day workshop at the Transportation Research Board Annual Meeting (January 2005) to introduce transportation experts to the obesity issue. Dr. Hubbard asked that Dr. Belluck send announcements of relevant meetings to the DNRC for the website calendar list.

UPDATE OF THE NIH OFFICE OF DIETARY SUPPLEMENTS (ODS)

Dr. Becky Costello, ODS, provided an update of the activities of that Office. *WHO Nutrient Risk Assessment Project.* Through an Interagency Agreement with the National Institute of Environmental Health Sciences (NIEHS), ODS entered into a cooperative agreement with the World Health Organization's International Programme on Chemical Safety (WHO/IPCS). The purpose of this collaboration is to develop an internationally-relevant, scientific framework for nutrient risk assessment. A similar international process for setting reference intakes for nutrient adequacy has been conducted for many years. The results of the risk assessment project will provide sound scientific information for policy makers at the international and national levels as well as identify research needs for future risk assessment evaluations. On November 1, 2004, WHO, in partnership with the United Nation's Food and Agriculture Organization (FAO), posted a Web notice (<http://www.who.int/ipcs/highlights/nutrientproject/en/>) announcing their intention and provided a background piece describing the project activities that are about to get underway. In December 2004, WHO and FAO plan to post a call for experts who will participate in a technical workshop in 2005. As background for the workshop, discussion papers will be commissioned. The report of the workshop will be made available in draft form with the opportunity for public comment before the report is finalized and distributed. ODS encourages interested persons to submit comments on this project. More information is available from Dr. Beth Yetley at ODS (301-435-2920).

Multivitamin State of the Science Conference. In collaboration with the NIH Office of Medical Applications of Research (OMAR), a number of NIH Institutes and Centers (ICs), and other Federal agencies, ODS is sponsoring an *NIH State-of-the-Science Conference on the Role of Multivitamin/Mineral Supplements and Chronic Disease Prevention.* One of the Agency for Healthcare Research and Quality (AHRQ) Evidence-Based Practice Centers will prepare an evidence report as part of the process. The Conference will be held in January 2006.

Bioactive Food Components Initiative. The objectives of the Bioactive Food Component Initiative are to define bioactive components, develop approaches for categorizing these components, develop approaches for assessing their health effects, and develop a research agenda to fill knowledge gaps. To this end, a *Federal Register* notice published on September 1, 2004 is seeking comments on the definition of bioactive food components. Deadline for comments was November 1, 2004, however, comments are being accepted past this deadline. The first conference on *Assessing the Health Effects of Bioactive Food Components* is scheduled March 22-23, 2005 at the Lister Hill Auditorium on the NIH Campus in Bethesda, Maryland, and a half-day workshop in conjunction with *Experimental Biology 2005 Meetings* will take place on April 1, 2005 at the Marriott Hotel and Marina in San Diego, California. Oversight for this project lies with the Office of Disease Prevention and Health Promotion (ODPHP), Department of Health and Human Services (DHHS). The Working Group includes representatives from NIH, CDC, ODPHP, Department of Defense (DoD), USDA, and FDA.

Botanical Center's Request for Applications (RFA). Review of grant applications for the Botanical Research Centers Program (currently sponsored by ODS, the National Center for Complementary and Alternative Medicine (NCCAM), and NIEHS) will take place Wednesday through Friday, November 3-5, 2004. After the review, Dr. Christine Swanson of ODS will contact IC liaisons who have expressed an interest in co-funding.

Other Notes. ODS is in the process of organizing a Trans-NIH/Agency Liaison Working Group as a component of the implementation of its revised Strategic Plan. The purpose of the Group is to strengthen the communication from and to ODS among the ICs and agencies that ODS works closely with primarily in DHHS and USDA. Letters to IC Directors will be coming out in November 2004.

ODS will be issuing an annual call for conference and meeting support for Fiscal Year 2005 (FY05). Letters will be going out in the next week to IC Directors.

The *ODS Annual Bibliography of Significant Advances in Dietary Supplement Research for 2003* is available upon request to Dr. Becky Costello or Dr. Leila Saldanha at ODS and is also available at the ODS website (http://ods.od.nih.gov/pubs/ODS_CHPA_Bibliography_2003.pdf).

The seminar scheduled for November 10, 2004 at 11 am as part of the ODS Seminar Series has been cancelled. Dr. Irvin Rosenberg, M.D., Senior Scientist and Professor at the Jean Mayer USDA Human Nutrition Research Center at Tufts University was scheduled to speak on the topic of *Vitamin B12 and Cognition*; however, due to family medical issues, he will not be able to provide the lecture.

An upcoming Conference on *Dietary Supplements, Coagulation and Anticoagulation* on January 13-14, 2005 will be preceded by a special ODS seminar on Wednesday afternoon January 12th with Drs. Ernst (from the United Kingdom) and De Smet (from The Netherlands) on the topic of *Harmonization of the Botanical Product Regulations in the European Union* (the Traditional Herbal Medicinal Products Directive) and how this might affect the US marketplace.

ODS will be participating on a Federal Panel at an upcoming Gordon Research Conference (www.GRC.org) on *Magnesium in Biochemical Processes* on February 6-11, 2005 in Ventura, California. Other groups are invited to join ODS, the National Institute on Alcohol Abuse and Alcoholism (NIAAA), and USDA Grand Forks, on exploring new avenues of research on magnesium. Contact Dr. Costello for details.

A memo from ODS to IC Directors regarding support for dietary supplement research workshops and symposia is attached as Appendix C.

UPDATE OF THE US 2005 DIETARY GUIDELINES FOR AMERICANS

Ms. Jennifer Weber, ODPHP, DHHS, provided an update of activities relating to the *2005 Dietary Guidelines for Americans*. The DGAC report was reviewed by agencies within DHHS and USDA during September 2004. A Comment Review Subcommittee consisting of members from DHHS and USDA agencies summarized both the agency and public comments and presented the results to

the Joint Expert Review Panel (JERP). (The 440 public comments are available on the Dietary Guidelines website (www.health.gov/dietaryguidelines).) The JERP consists of four senior level scientists and policy officials each from DHHS and USDA. A Drafting Subcommittee, also consisting of members from DHHS and USDA agencies, prepared the draft policy document, *2005 Dietary Guidelines for Americans* based on the information in the DGAC report and with consideration for the agency and public comments. A Peer Review subcommittee (also consisting of representatives from DHHS and USDA agencies) is anticipated to begin review of the draft policy document next week. Public release of this policy document is scheduled for early 2005.

ODPHP made plans for focus groups during the first week of November 2004 on the Dietary Guidelines message development. Four focus groups took place in Towson, Maryland on November 1st and 2nd and four took place in Chicago, Illinois on November 3rd and 4th.

There were questions about the clearance process for the *2005 Dietary Guidelines for Americans*. Currently it is not clear what the stages of the clearance process are. Dr. Hubbard explained that NIH clearance requires that the document go through the Executive Secretariat and be distributed to the ICs for comment. The comments are then to be collated by the DNRC. The collated comments are then sent back to the NIH Executive Secretariat to allow for approval by Dr. Raynard Kington or Dr. Elias Zerhouni. This process has not yet been initiated. Dr. Hubbard is pursuing this question of clearance through various channels. Ms. Weber also introduced Dr. Sherine Jennels, who is with the Emerging Leaders Program and is assigned to FDA, but currently working with ODPHP.

UPDATE OF DNRC ACTIVITIES

Nutrition Education Subcommittee. Dr. Jean Pennington, DNRC, provided an update of the activities of the NIH Nutrition Education Subcommittee (NES). For 2004, the NES has received 29 documents for review (14 from NIH, four each from CDC and USDA, three each from DHHS and Health Research and Services Administration (HRSA), and one from the Administration on Aging (AOA)). Documents reviewed or under review since the September 2004 NCC meeting include:

- *Eat Smart. Play Hard. Kid's Activity Sheets* (Food and Nutrition Service, USDA)
- *Video Scripts: Choose More Often, Choose Less Often; Get Your Calcium Every Day* (NICHD)
- *Preconception Health Messages* (CDC)
- *Energy Balance Feature of the Interactive healthy Eating Index and Physical Activity Tool* (CNPP)
- *Tips for Kids and Teens* (NIDDK)

The DNRC website listing of nutrition education materials will soon be updated. NCC members are encouraged to look at the current listing and let Dr. Pennington know of any desired changes or additions.

Subcommittee on International Nutrition Research. Dr. Daniel Raiten, National Institute for Child Health and Development (NICHD), was not able to attend the meeting so no Subcommittee update was provided. Dr. Hubbard noted that Dr. Rachel Nugent, who along with Dr. Raiten serves as Co-Chair for this Subcommittee, will soon be leaving NIH.

Human Nutrition Research and Information Management (HNRIM) System Update. Mr. Jim Krebs-Smith, DNRC, provided a status report of the HNRIM system. He reported that nutrition-related research funding for FY03 exceeded \$1 billion (for an estimated 2,9000 projects) for the first time. The FY03 total represents an increase of more than \$100 million over the FY02 total of \$917 million. The annual HNRIM report of NIH-funded nutrition research is being drafted and should be finalized by the end of this month (November 2004). An email will be sent to NCC members once the report is posted to the public HNRIM website. As with FY02 tables, PowerPoint slides of selected FY03 data tables will also be posted. Mr. Krebs-Smith also alerted members that a request for FY04 data for HNRIM will go out to NIH ICs next month.

REPORTS FROM NCC MEMBERS AND LIAISIONS

Dr. Hubbard congratulated Dr. Susan Kayar, National Center for Research Resources (NCRR), on the recent announcement from the NCRR of funding Science Education Partnership Awards (<http://www.nih.gov/news/pr/nov2004/ncrr-04.htm>). Dr. Hubbard noted that he had communicated this information to Dr. Margaret Bogle at USDA (a recent speaker at NIH).

Dr. John Milner, NCI, suggested that due to the reorganization of the NIH grants process, that a NCC presentation on the grant review process would be helpful.

Dr. Costello noted that there will be an Institute of Medicine (IOM), National Academy of Sciences (NAS) symposium on December 8, 2004 (*Dietary Reference Intakes: What's Next*) concerning how often the Dietary Reference Intakes should be revised using vitamin D as an example (<http://www.iom.edu/event/asp?id=235090>). Dr. Hubbard said that there may be NCC discussion of this topic after the meeting.

Dr. Milner noted a meeting on *Cancer Chemoprevention and Cancer Treatment* to be held at the NIH Natcher Auditorium, Bethesda, Maryland on November 17-19, 2004. (<http://vitamind.ucr.edu/Cancer%26CancerChemo.htm>).

NEXT NCC MEETING

Next NCC meeting – There will be no meeting in December 2004 because of conflicts with other activities. The next NCC Meeting is scheduled for January 6, 2005.

ADJOURNMENT

Dr. Hubbard asked for a motion to adjourn the meeting, and Dr. Milner made such a motion. The meeting was adjourned at 3:50 pm.

LIST OF APPENDICES

Appendix A - NIH NCC Meeting Agenda for November 4, 2004

Appendix B - NCC Meeting Attendees for November 4, 2004

Appendix C - ODS Memo to IC Directors Regarding Support for Dietary
Supplement Research Workshops and Symposia

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APPENDIX A. NIH NCC MEETING AGENDA FOR NOVEMBER 4, 2004

2:00-4:00 PM, Rockledge 2, Conference Room 9100-9104, Bethesda MD

1. **Welcome**.....Van Hubbard
2. **Approval of September 2, 2004 NCC Meeting Minutes**.....Van Hubbard
3. **American Time Use Survey: Opportunities for Food Assistance, Nutrition, and Obesity Research**.....
Joanne Guthrie, USDA Economic Research Service
Karen Hamrick, USDA Economic Research Service
4. **Federal Highway Administration (FHWA) Role in Public Health Promotion and Health Partnerships**.....David Belluck,
Senior Transportation Toxicologist, Federal Highway Administration,
Office of Planning, Environment, and Realty, Office of Natural and Human Environment
5. **Update from the NIH Office of Dietary Supplements**.....Paul Coates
6. **Update of the 2005 Dietary Guidelines for Americans**.....DHHS Staff
7. **DNRC Activities Update**
Nutrition Education Subcommittee.....Jean Pennington
Subcommittee on International Nutrition Research... ..Daniel Raiten
HNRIMJim Krebs-Smith
8. **Reports from NCC Members and Liaisons**.....NCC Members
9. **Next Meeting: January 6, 2005**.....Van Hubbard
10. **Adjournment**.....Van Hubbard

APPENDIX B. NCC MEETING ATTENDEES FOR NOVEMBER 4, 2004

Members Present Members Absent Alternates Present

Chairperson: V Hubbard

NIH Members:

NCI	J Milner		
NHLBI	D Danford		
NIDCR		R Nowjack-Rayner	
NIDDK		C Miles	
NINDS		M Mitler	
NIAID	M Plaut		
NIGMS		S Somers	
NICHHD		G Grave	
NEI		N Kurinij	
NIEHS		E Maull	
NIA		J Finkelstein	
NIAMS		J McGowan	
NIDCD		B Wong	
NIMH		P Muehrer	
NIDA		G Lin	
NIAAA		V Purohit	
NINR	Y Bryan		
NCCAM		M Klein	
NCRR	S Kayar		
FIC		N Tomitch	
NCHGR		K DeLeon	

NIH Liaison Members:

CC		N Sebring	
CIT		J Mahaffey	
CSR		S Kim	
NLM		S Phillips	
OBSSR		D Olster	
OC		M Stern	
ODS		P Coates	B Costello
OD/ODP	B Portnoy		
OLPA			
ORWH			
PRCC		M Vogel-Taylor	

Agency Liaison Representatives:

CDC/NCCDPHP	D Galuska		
CDC/NCHS		V Burt	J Wright
FDA		K Ellwood	S Blakely
HRSA		M Lawler	
IHS		T Brown	
ODPHP		K McMurry	
USDA	M Kretsch		
DoD		K Friedl	

DNRC: W Johnson-Taylor, J Krebs-Smith, C McDade-Ngutter, J Pennington, K Regan, L Somuah

Guests: R Ballard-Barbash (NCI), David Belluck (FHWA), D Berrigan (NCI), A Ershow (NHLBI), J Guthrie (ERS, USDA), K Hamrick (ERS, USDA), S Krebs-Smith (NCI), J Moss (FDA), L Saldanha (ODS), R Troiano (NCI), J Weber (ODPHP), A Yaroch (NCI)

APPENDIX C



DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

National Institutes of Health
Office of Dietary Supplements

MEMORANDUM

Date: November 10, 2004

To: IC Directors

Through: Barnett S. Kramer, M.D., M.P.H.
Associate Director for Disease Prevention, ODP _____

From: Director, Office of Dietary Supplements

Subject: Support for Dietary Supplement Research Workshops and Symposia

The ODS plans to set aside funds in FY 2005 to support a limited number of scientific workshops and symposia that we hope will stimulate research on dietary supplements. We are interested in co-sponsoring such programs with the Institutes and Centers at NIH.

The goals and initiatives presented in the recently released ODS Strategic Plan 2004-2009 have been slightly modified from the first ODS Strategic Plan of 1998 and emphasize the important role of ODS in research, education, and communication

(<http://ods.od.nih.gov/pubs/strategicPlan.Final.pdf>). These goals are summarized below.

ODS Goals for Research, Education, and Information Communication: 2004-2009

Goal 1: Expand the evaluation of the role of dietary supplements in disease prevention and in reduction of risk factors associated with disease.

Goal 2: Foster research that evaluates the role of dietary supplements in maintaining and improving optimal physical and mental health and performance.

Goal 3: Stimulate and support research to further understand the biochemical and cellular effects of dietary supplements on biological systems and their physiological impact across the life cycle.

Goal 4: Promote and support the development and improvement of methodologies appropriate to the scientific study of dietary supplement ingredients.

Goal 5: Expand and conduct outreach activities that inform and educate the public, health care providers, and scientists about the benefits and risks of dietary supplements.

Primary consideration for support will be given to sessions that deal with those dietary supplement ingredients or groups of supplements where current research is lacking or lagging, or where there is a likelihood of stimulating research as a possible outcome of the session(s). Also, there may be dietary supplements where the data appear conflicting or where a highly focused scientific workshop may clarify research needs and gaps in science as well as assess the balance between benefits and risks. Additionally, the office will seek to fund activities that target special population groups where the science on supplements is lacking. Topics focusing on the use of supplements for prevention of disease is of keen interest to the ODS. The ODS is willing to provide support and serve as a co-sponsor for these conferences, workshops, or symposia. Support for each session would be in the range of \$5,000 to \$20,000, depending on the number of requests received. ODS support is not intended to cover all expenses for the session. We anticipate providing resources to support up to 20 proposals.

Please refer to the attached table for an overview of the workshop topics that ODS has co-sponsored since 1996. Summaries of many of these workshops are available on the ODS website: <http://dietary-supplements.info.nih.gov>

A short description of the meeting(s) is necessary for the selection process. Please include: the tentative title; a brief summary of the purpose of the meeting; a general description, including the scope (national or international), size and format (workshop, small conference, symposium, forum, etc.); target audience; anticipated dates for the meeting, and possible outcomes (e.g., publications or proceedings); and budget information. If similar symposia on the proposed topic have been held within the past two to three years, please describe how the currently proposed symposium will differ. If you are nominating an R-13 Conference Grant for funding please include the grant application and review summary, if available. The ODS anticipates making a selection for the FY 2005 series of workshops in early January, 2005. If a workshop is selected for sponsorship, the ODS will work closely with the program staff in your IC in the planning and development of this joint activity, with the goal of fostering a program and format that is productive and beneficial to program participants. *We ask that all requests from your IC receive your approval prior to sending them to the ODS.* Please provide program descriptions and contact information to the ODS no later than **December 17, 2004**. You may e-mail your description to Rebecca Costello in ODS at CostellB@od.nih.gov.

We appreciate your dissemination of this notice within your IC. Thank you for your assistance and continuing interest in ODS-sponsored programs. If you have any questions, please contact me at 301.435.2920 (phone) or by e-mail, ods@nih.gov.

A handwritten signature in black ink, appearing to read "Paul M. Coates". The signature is stylized and cursive.

Paul M. Coates, Ph.D.

Enclosure: Table of ODS Co-funded Workshops, 1996-2004
Attachment A: Sample Request

OFFICE OF DIETARY SUPPLEMENTS	
CO-SPONSORED IC CONFERENCES AND WORKSHOPS 1996 - 2004	
Fogarty International Center	
01	Micronutrients in Central America: Beyond Vitamin A Iodine and Iron
98	The Path to Maternal and Child Health: The PVO Role in Improving Iron and Vitamin A Status
98	Human Selenium Deficiency and Approaches to Intervention
98	The Problem of Overcoming Selenium Deficiency in the Russian Federation
96	Genetic and Environmental Determinants of Copper Needs Across the Life Span
National Center for Complementary and Alternative Medicine	
4	Conference on Emerging Research Technologies
03	Mechanisms of Neuroprotective Effects of Dietary Supplements and Botanicals
03	Free Radicals: The Pros and Cons of Antioxidants
02	Antioxidant Use and Concurrent Chemotherapy and Radiotherapy
01	Colloquium: Exploring Opportunities for Collaboration with Industry
National Cancer Institute	
4	11th Annual Society for Free Radical Biology on Medicine
3	Tea and Disease Prevention
03	Free Radicals: The Pros and Cons of Antioxidants
02	Nutritional Genomics and Proteomics in Cancer Prevention
01	Diet, DNA Methylation and Health
National Eye Institute	
98	Lutein and Zeaxanthin: Safety and Procedural Issues for Supplementation in Relation to the Development of Macular Degeneration
National Heart, Lung and Blood Institute	
4	Dietary Supplements, Coagulation and Antithrombotic Therapies
02	Dietary Supplements For Reduction of Risk for Chronic Obstructive Pulmonary Disease
02	The Role of Nutrition in the Etiology of Cardiomyopathies and Heart Failure
02	Mechanistic Studies of Cardiovascular Effects of Botanicals
00	Omega-3 Fatty Acids, Diabetes & Cardiovascular Risk
99	Conference and Workshop: Dietary Supplements of Potential Benefit to Patients with Sickle Cell Disease
99	Workshop: Nutrient Metabolism in the Genetic Anemias and Dietary Supplements of Potential Benefit to Patients with Sickle Cell Disease
National Institute on Aging	
3	Nutritional Modulation of Aging and Age-related Diseases (R-13)
03	Dietary Supplements and the Elderly: Current Status and Future Directions
99	Phytoestrogens and Healthy Aging

99	Antioxidants: Strategies for Interventions in Aging and Age-Related Diseases
98	Workshop: Coenzyme Q ₁₀ in the Aging Process
96	Melatonin and Sleep
96	Melatonin and Aging
National Institute on Alcohol and Alcohol Abuse	
4	Dietary Methylating Agents and Alcohol-Assisted Neoplasms
03	The Role of Fat in Alcohol-Induced Liver Disease
02	Role of Iron Supplements in Alcoholic Liver Disease
01	Symposium: Role of S-Adenosyl-L-Methionine (SAME) in the Treatment of Alcoholic Liver Disease
00	Essential Fats in Foods
99	Workshop on the Essentiality of Omega-6 and Omega-3 Fatty Acids
National Institute on Allergy and Infectious Diseases	
03	Understanding Micronutrients and Susceptibility to Respiratory Infections - A Genomics Approach
03	Malnutrition and Parasitic Diseases: Host Pathogen Interactions
02	Conference on Lipids in Immune Function (an NIAID workshop sponsored in conjunction with the International Society for the Study of Fatty Acids and Lipids)
02	Prevention of Asthma and Allergy with Probiotics
00	The Importance of Omega-3 Fatty Acids in the Attenuation of Immune-Mediated Diseases
99	Micronutrients and Infectious Diseases: Cellular and Molecular Immunomodulatory Mechanisms
98	Dietary Supplements for Wasting in AIDS related conditions
National Institute of Child Health and Human Development	
4	Gordon Research Conference: Pineal Cell Biology (R-13)
4	Nutritional Considerations in the Prevention, Care, and Treatment of HIV/AIDS
4	Improving Maternal and Infant Nutrition - Development of a Research Plan
3	Carnitine: The Science Behind a Conditionally Essential Nutrient
03	International Bioiron Meeting
03	Vitamin D Needs and Strategies for Achieving Effective Public Policy
02	Dietary Supplement Use in Women: Current Status and Future Directions
01	Melatonin and the Biology of Serotonin N-Acetyltransferase
01	Workshop: Dietary Supplement Use in Children
00	Indo-U.S. Workshop on Health and Nutrition of Women, Infants and Children
98	Factors Influencing the Need for Dietary Supplements for Pregnancy
National Institute of Drug Abuse	
03	Abuse of Widely Available Psychoactive Botanical Products
01	Interventions for Metabolic and Endocrine Complications of HIV / AIDS and Drug Abuse
98	Metabolic, Endocrine and Gastrointestinal Disorders in Drug Abuse and HIV / AIDS
National Institute on Deafness and Other Communication Disorders	

99	Nutritional Implications of Cephalic Phase Responses
National Institute of Dental and Craniofacial Research	
00	Effects of Nutrition and Dietary Supplementation on Oral Infectious Diseases
99	The Effect of Dietary Supplements on Craniofacial Development
99	International Collaborative Research Project on Fluorides: Research Needs
99	Workshop: Prevention of Craniofacial Anomalies
96	Approach to the Prevention of Orofacial Cleft
National Institute of Digestive, Diabetes, and Kidney Diseases	
4	Vitamin E and Health (R-13)
4	FASEB: Summer Research Conference on Folate, B12 and 1C Metabolism (R-13)
4	FASEB: Summer Research Conference on Trace Element Metabolism (R-13)
4	FASEB: Summer Research Conference on Retinoids (R-13)
4	International Society for Trace Elements Research in Humans (R-13)
4	Lipids and the Pathophysiology of Obesity
3	FASEB: Mathematical Modeling and Nutrition (R-13)
3	FASEB: Impact of Nutritional Status on Immune Function & Health (R-13)
02	Perspectives on Conjugated Linoleic Research: Current Status and Future Directions
00	Vitamin E in the Prevention of Diabetes Complications
00	The Role of Dietary Supplements in Prostate Disease
National Institute on Environmental Health Sciences	
02	International Workshop to Evaluate Research Needs on the Use and Safety of Medicinal Herbs
01	Diets, Antioxidants & Environmental Influences on Health and Disease
01	Use of Quantitative Polymerase Chain Reaction (PCR) to Identify and Quantitate Botanicals in Dietary Supplements
00	Conference: The Efficacy and Safety of Medicinal Herbs
98	Human Selenium Deficiency and Approaches to Intervention
National Institute of General Medical Sciences	
00	Metals in Medicine: Targets, Diagnostics, and Therapeutics
National Institute of Mental Health	
98	Essential Fatty Acids in the Treatment of Mental Disorders

Format for Proposal Requests (Attachment A)

Name of Scientific Workshop, Symposium, or Conference

Type of Event

Workshop

Symposium

Conference

National/International

Format and/or proposed Agenda

Background/History

Brief Narrative Description of Event (approximately ½ - 1 page, single spaced)

Purpose

Scientific Importance

Proposed Content

Approximate Total Cost/Budget

Requested Amount from ODS

Proposed Dates(s) of Event

Proposed Location(s)

Organizer/Program Contact for More Information

Name

Title

IC Program

Mailing Address

E-mail Address

Telephone Number

Fax Number

Planned or Potential Outcomes

Other Potential Co-Sponsors

Potential Participants