

**MINUTES OF THE NUTRITION COORDINATING COMMITTEE (NCC)
MEETING, NATIONAL INSTITUTES OF HEALTH (NIH)
Rockledge 2, Conference Room 9100, Bethesda MD
June 5, 2003, 2:00-4:00 PM**

WELCOME

Dr. Van Hubbard, Director of the Division of Nutrition Research Coordination (DNRC), convened the NCC Meeting at 2:00 PM and welcomed the participants. Dr. Deborah Galuska, from the Centers for Disease Control and Prevention (CDC) in Atlanta, Georgia, and Ms. Tammy Brown, from the Indian Health Service (IHS) in Albuquerque, New Mexico, participated via teleconference. The agenda for this meeting is provided as Appendix A, and the list of attendees is provided as Appendix B.

APPROVAL OF MINUTES FROM THE APRIL 3, 2003 NCC MEETING

Minutes from the April 3, 2003, NCC Meeting had previously been sent to NCC members via email. Dr. Hubbard, asked if there were any comments or corrections to the minutes. There were none. Dr. Paul Coates, NIH Office of Dietary Supplements (ODS), made a motion to approve the minutes, and Dr. Susan Yanovski, National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK), 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.

UPDATE OF THE NIH OFFICE OF DIETARY SUPPLEMENTS (ODS)

Dr. Paul Coates and Dr. Leila Saldanha, from ODS, provided an update of the activities of that Office. Dr. Coates noted that the ODS Strategic Planning process was underway. A public meeting was held on May 8-9, 2003 to receive comments and to discuss potential future directions for ODS activities. A background document for the planning process is on the ODS website (<http://ods.od.nih.gov>). The comment period ends on June 27, 2003. Comments can be forwarded to Dr. Ken Fisher at ODS by e-mail (ODSplan@od.nih.gov) or by FAX (301-480-1845).

Dr. Saldanha described a new activity to develop a Dietary Supplement Ingredient Database (DSID). ODS has provided funding to the US Department of Agriculture (USDA) Nutrient Data Laboratory to develop this authenticated compositional database of dietary supplement products and components. This project began in response to the research needs identified at the June 2002 workshop, *Future Directions for What We Eat in America - NHANES: The Integrated CSFII-NHANES*. The research needs from this workshop called for the creation of an analytically-tested and verified dietary supplement database. ODS has created a systematic process to populate this database. Ingredients to be listed are being identified and prioritized for sampling and analysis. High priority has been given to supplements currently being investigated by NIH scientists, and ODS has conducted a preliminary analysis via the NIH Human Nutrition Research Information Management (HNRIM) system to identify these supplements. ODS will hold a meeting of liaisons later this summer and will share the results from the HNRIM analysis in advance of this meeting. ODS welcomes input and appraisal of this information at that meeting.

UPDATE FROM THE DHHS OFFICE OF DISEASE PREVENTION AND HEALTH PROMOTION (ODPHP)

Ms. Kathryn McMurry, ODPHP, provided an update of the discussions regarding bioactive food components, the *Dietary Guidelines for Americans* revision process, and Healthy People 2010 Progress Reviews. The Federal DRI Steering Committee and NAS Standing Committee determined that the Dietary Reference Intake (DRI) model was not appropriate to address the concerns related to bioactive food components because the availability of clinical evidence is very limited for most of these substances. A meeting with various DHHS representatives will be held tomorrow, June 6, 2003 at 10:00 AM in the Hubert Humphrey Building, Washington DC, to discuss an appropriate approach to develop a model to study bioactive food components.

The *Federal Register* notice *Announcement of Establishment of the 2005 Dietary Guidelines Advisory Committee and Solicitation of Nominations for Membership* was published on May 15, 2003. Nominations are due by June 16, 2003. So far, 37 nominations have been received; the Committee will be composed of 13 individuals. Areas of expertise where additional nominations are needed include dietary fat and child health. It is preferable that the nominations be US citizens who are not government employees. It is also preferred that the candidates not be nominated by government employees. Ideas for background documents that should be provided to the Committee should be sent to Ms. McMurry.

The USDA Center for Nutrition Policy and Promotion is currently reassessing the Food Guide Pyramid and will provide briefings (by invitation) to DHHS and USDA agencies during the week of June 16-23, 2003. There were comments indicating that NIH is very interested in the science behind the revision of the Food Guide Pyramid and suggestions that NIH should fund research in this area and become more involved in the revision process.

The date for the *Healthy People 2010 Food Safety Progress Review* will be set when Dr. Carmona is available to chair the meeting. The *Nutrition and Overweight Progress Review* is scheduled for January 2004. It is recommended that about four months be allowed for planning. A Healthy People 2010 Steering Committee meeting will be held on June 18, 2003. The MidCourse Review assessment, including the status of measures for all developmental objectives, will be due by the fall 2004. Ms. McMurry also mentioned the development of an East Coast Greenway, an Urban Appalachian Trail with walking paths from Maine to Florida. This is part of the Healthy Trails, Healthy People activity (<http://www.os.dhhs.gov/news.press/2003pres/20030605.html>).

Dr. Elizabeth Magestic, who was on a five-month detail at ODPHP, has returned to CDC, but will continue her leadership role in the *HealthierUS Steps* initiative. Ms. Carter Blakey is now serving as Acting ODPHP Office Director.

UPDATE OF THE NATIONAL HEALTH AND NUTRITION EXAMINATION SURVEY (NHANES)

Ms. Margaret McDowell from the National Center for Health Statistics (NCHS), CDC, discussed new NHANES proposals and the release of various data sets. The NCHS, Division of Health Examination Statistics, has a new name, Division of Health and Nutrition Examination Surveys (DHANES). The deadline for new content

proposals for NHANES 2005-6 was May 31, 2003. The deadline for current collaborators to notify NCHS of interest in continuing or discontinuing current content is June 15, 2003. Appendix C summarizes what has been proposed as of June 3, 2003. NCHS is reviewing sections of the Household Questionnaire, many of which are not supported (i.e., do not have funding from interested groups). Information for the examination and laboratory content will be updated after June 15, 2003. The questionnaire proposals and recommendations will be finalized by the end of August 2003.

There were two major releases of NHANES 1999-2000 data in June 2002 and March 2003. Additional 1999-2000 data will be released periodically. DHANES plans to notify groups when new data sets are released or at some other reasonable frequency. If you received the NHANES Research Proposal Guidelines this spring, you are on the list. Contact Ms. McDowell (mxm7@cdc.gov) via email if you would like to have your name added to the list.

STEPS TO A HEALTHIERUS INITIATIVE

Dr. Deborah Galuska, from CDC, discussed activities related to the DHHS *Steps to a HealthierUS* program, which advances President Bush's HealthierUS goals of helping Americans live longer, better, and healthier lives. The Steps program, a five-year cooperative agreement, will improve the lives of Americans through innovative and effective community-based chronic disease prevention programs. Through the cooperative agreement, cities, urban and rural communities, states, and a tribal group will be funded to address obesity, diabetes, asthma, and related risk factors including poor nutrition, lack of physical activity, and tobacco use and exposure. In fiscal year (FY) 2003, \$15 million was allocated to Steps, and approximately \$13,650,000 is available to fund Step projects. Three types of groups are eligible (1) local health departments in collaboration with local education agencies (\$9 million for 9-12 large city and urban community applications); (2) state health departments in collaboration with state education agencies (\$4.4 million for up to 4 state-coordinated small city and rural community applications); and (3) tribes (\$250,000 for one tribal application).

Step communities will be required to:

- address all three priority conditions, diabetes, obesity, and asthma, as well as their risk factors through community and school based interventions;
- reach all community members in the intervention area with special efforts to address health disparities;
- build on current and prior DHHS, state, and local programs, without duplicating existing programs;
- assess capacity and burden;
- establish an active community consortium and Steps leadership program;
- develop a community action plan;
- monitor and evaluate the projects;
- share information with other communities and programs; and
- optimize resources and sustainability through partnerships and public-private collaboration.

The Request for Application (RFA) was posted to the *Federal Register* (www.HealthierUS.gov) on May 9, 2003. The pre-application workshop was held on

May 22, 2003. Letters of intent (due June 1, 2003) were received from 135 cities, 53 states, 23 tribes, and 12 other community groups. Applications are due by July 15, 2003, and awards will be made in September 22, 2003. The review process will take place in late summer. CDC will provide technical reviewers, and other DHHS agencies are being asked to provide objective reviewers.

NIH OBESITY RESEARCH TASK FORCE

Dr. Sue Yanovski, NIDDK, discussed the NIH Obesity Research Task Force, which has been newly-established by the NIH Director to facilitate progress in obesity research. The NIH Obesity Research Task Force is co-chaired by the Directors of NIDDK and NHLBI. Its membership includes additional NIH Institutes with relevant expertise. The Task Force is charged with developing an NIH Strategic Plan for Obesity Research; monitoring implementation of the plan and reporting progress to the NIH Director and Institute and Center (IC) Directors; serving as a point of contact between NIH and relevant external agencies; and coordinating preparation of requested reports and responses to inquiries concerning obesity research. The Strategic Plan will be based on the identification of areas of greatest scientific opportunity and need, and will seek to maximize collaborations among ICs. As a component of the Strategic Plan, the NIH Deputy Director for Intramural Research and a steering committee of Scientific Directors from nine ICs, chaired by the Director of the NIDDK's Division of Intramural Research, are developing a coordinated intramural obesity research program. The plan for obesity research will additionally be informed by input from extramural scientists and the public.

The NIDDK Clinical Obesity Research Panel (CORP) is the successor to the National Task Force on Prevention and Treatment of Obesity, which was in existence from June 1991 until June 2003. The NIDDK CORP is composed of leading obesity researchers and clinicians and is charged with providing advice to the NIDDK Advisory Council on important clinical research needs related to obesity prevention and treatment, including their relative priority and costs. The CORP also identifies concepts for future clinical studies of obesity. The CORP serves in an advisory capacity to the Weight-control Information Network (WIN) and may suggest topics for NIDDK-sponsored workshops and develop papers on topics related to clinical aspects of obesity. Organizationally, the CORP is placed under the auspices of the NIDDK Advisory Council; a member of the NIDDK Advisory Council serves on the CORP as a liaison member.

UPDATE OF DNRC ACTIVITIES

Obesity Related Activities.

The planning group for a *Trans-NIH Workshop on Obesity and its Co-Morbidities* met on June 4, 2003 and decided that the workshop will focus on adipokines and other secretory products from adipose tissue. Dr. Hubbard will circulate a notice about this workshop and request suggestions for speakers. He noted that the workshop should include some investigators who are not directly associated with obesity research to encourage an innovative approach.

Three Public Health Service (PHS) Regional meetings on obesity are in planning stages. A meeting will be held in New Orleans, Louisiana (Region 6) on August 7-8, 2003 (http://centerforhealthtraining.org/searchable/e06_8-obesityconf.html); another is scheduled for Portland, Oregon (Region 10) on September 18-20, 2003

(<http://www.ohsu.edu/weight/calltoaction>); and a third is scheduled for Philadelphia, Pennsylvania (Region 3) in October 2003. Reports of these meetings will be generated within a year after each meeting and will focus on successful public health actions to prevent overweight and obesity. Two previous regional meetings on obesity were held in Denver, Colorado (Region 8) and Boston, Massachusetts (Region 1).

A brief meeting on the oxygen isotope, O18, which is used in research on energy expenditure, was held today prior to the NCC Meeting. A capital investment of \$1-2 M will be needed to set up a new O18 column at the Los Alamos Department of Energy (DOE) facility. Those interested in supporting this work should contact Dr. Hubbard. A method to prioritize the distribution of the O18 to researchers will be developed. It was noted that proteomic approaches to measure energy expenditure are also under development.

Nutrition Education Subcommittee. Dr. Jean Pennington, DNRC, provided an update of the activities of the NIH Nutrition Education Subcommittee (NES). Since the beginning of 2003, the NES has received 13 documents for review (six from within NIH and seven from other DHHS or USDA agencies). Documents reviewed since the last NCC meeting include the DHHS *Resource Guide to Steps to a Healthier US*; the USDA Food and Nutrition Service document, *What's In a Meal*; the NCI brochure and webpage, *Fruits and Vegetables for African-American Men*; additions to the NHLBI webpage on *Portion Distortion*; and sections of the DHHS Office of Women's Health *2004 Daybook*. Currently under review is the *Interactive Healthy Eating Index Physical Activity Tool* developed by the USDA Center for Nutrition Policy and Promotion.

The 5th *International Food Data Conference* will be held at the Washington Marriott in Washington DC on June 30 through July 2, 2003. Contact Dr. Pennington for more information.

Trans-NIH Subcommittee on International Nutrition Research (SCINR). Dr. Dan Raiten, National Institute of Child Health and Development (NICHD) announced that the next meeting of SCINR will be on June 10, 2003 from 2:00-4:00 PM in the 5th floor Conference Room at 6100 Executive Boulevard, Rockville. At this meeting, the SCINR representatives will provide an overview of their IC activities, interests, and ideas; Dr. Raiten will provide an update of the World Health Organization (WHO) consultation on nutrition and HIV/AIDS; and Dr. Benjamin Caballero, from the Center for Human Nutrition at Johns Hopkins Bloomberg School of Public Health will provide a presentation on *Ethical Issues for Collaborative Research in Developing Countries*.

Dr. Raiten provided NCC members with a brief overview of the recent WHO consultation on nutrition and HIV infection. This was a four-day meeting to discuss the nutrition requirements of people with HIV. The recommendations from the meeting will be published in a WHO monograph.

Dr. Raiten also discussed support and participation in the IOM Food and Nutrition Board (FNB) International Food and Nutrition Forum.

HNRIM. There was no HNRIM report as Mr. James Krebs-Smith, DNRC, was unable to attend the meeting.

REPORTS FROM NCC MEMBERS AND LIAISIONS

Dr. Beth Yetley, Food and Drug Administration (FDA), noted that FDA is seeking advice and council regarding the rating of science quality for studies that serve as the basis for health claims on food labels.

Dr. John Milner, NCI, announced the workshop on *Free Radicals: Pros and Cons of Antioxidants* at Masur Auditorium, NIH Clinical Center, Bethesda, Maryland on June 26-27, 2003. He also noted a press conference on antioxidant vitamins (results of the EPIC Study) to be held in Paris, France on June 19-20, 2003.

Dr. Vishnudutt Purohit, National Institute for Alcohol Abuse and Alcoholism (NIAAA) announced a symposium to be held in October 2003 on *Fatty Acids, Fatty Liver, and Alcohol Disease*.

Dr. Raiten, NICHD, announced the meeting entitled *Vitamin D in the 21st Century* to be held October 9-10, 2003 at the Pooks Hill Marriott in Bethesda, Maryland. Dr. Raiten noted NICHD and ODS are working to revise a previous FDA survey questionnaire on infant feeding behaviors. This questionnaire will be used to collect information from 2,000 women with a start date in February 2004. It was suggested that Dr. Raiten contact Health Resources and Services Administration (HRSA) for input on the survey.

Ms. McMurry, ODPHP, announced that she would like to talk with individuals who are knowledgeable of the process involved in the development of the current USDA Food Guide Pyramid.

ADJOURNMENT

The meeting was adjourned at 4:10 PM.

NEXT NCC MEETING

There will not be a NCC Meeting on July 3, 2003; however, a summer NCC Meeting will be scheduled for later in July or August.

LIST OF APPENDICES

Appendix A - NIH NCC Meeting Agenda for June 5, 2003

Appendix B - NCC Meeting Attendees for June 5, 2003

Appendix C – Summary of Proposed NHANES 2005

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APPENDIX A. NIH NCC MEETING AGENDA FOR JUNE 5, 2003
2:00-4:00 PM, Rockledge 2, Conference Room 9100, Bethesda MD

1. **Welcome**..... Van Hubbard
2. **Approval of April 3, 2003 NCC Meeting Minutes**.....Van Hubbard
3. **Office of Dietary Supplements Update**.....Paul Coates/Leila Saldanha
4. **ODPHP Update**.....Kathryn McMurry
 - Dietary Guidelines for Americans
 - Healthy People 2010 Progress Reviews
 - Bioactive Food Components
5. **NHANES UPDATE**.....Margaret McDowell
 - New Proposals
 - Release of Data Sets
6. **STEPS TO A HEALTHIERUS INITIATIVE**.....Deb Galuska
7. **NIH OBESITY RESEARCH TASK FORCE**.....Sue Yanovski
8. **DNRC Update of Activities**
 - Obesity-Related Activities.....Van Hubbard
 - Trans-NIH Obesity Workshop
 - PHS Regional Meetings
 - Nutrition Education Subcommittee..... Jean Pennington
 - International Committee Information..... Dan Raiten
 - HNRIM Update..... James Krebs-Smith
9. **Reports from NCC Members and Liaisons**.....NCC Members
10. **Next Meeting:**.....Van Hubbard
11. **Other Business**.....NCC Members

APPENDIX B. NCC MEETING ATTENDEES FOR JUNE 5, 2003

	Members Present	Members Absent	Alternates Present
<u>Chairperson:</u>	V Hubbard		
<u>NIH Members:</u>			
NCI	J Milner		
NHLBI	D Danford		
NIDCR		R Nowjack-Rayner	
NIDDK	S Yanovski		
NINDS		P Turner	
NIAID	M Plaut		
NIGMS		S Somers	
NICHD		G Grave	D Raiten
NEI		N Kurinij	
NIEHS	M McClure		
NIA	J Finkelstein		
NIAMS		J McGowan	
NIDCD		B Wong	
NIMH		P Muehrer	
NIDA		G Lin	
NIAAA	V Purohit		
NINR		K Helmers	
NCCAM		M Klein	
NCRR		F Taylor	
FIC		N Tomitch	R Nugent
NCHGR		K Hudson	
<u>NIH Liaison Members:</u>			
OD/ODP		B Portnoy	
CC		N Sebring	
CIT		J Mahaffey	
CSR	S Kim		
OLPA			
NLM		S Phillips	
OC		M Stern	
ODS	P Coates		B Costello
PRCC		M Vogel-Taylor	
OBSSR	D Olster		
<u>Agency Liaison Representatives:</u>			
FDA	E Yetley		
CDC/NCHS		M McDowell	
CDC/NCCDPHP		S Kuester	D Galuska
HRSA		M Lawler	
IHS	T Brown		
ODPHP	K McMurry		
USDA	W Wolf		
DOD	K Friedl		

DNRC: D Benton, W Johnson-Taylor, J Pennington, K Regan, P Starke-Reed; N Stegon

Guests: M Augustine (ODPHP), R Ballard-Barbash (NCI), M Courey (FIC), C Davis (NCI), V Green (NCI), S Krebs-Smith (NCI), MF Picciano, J Powell (DHHS), E Rodas (NIDCD), L Saldanha (ODS), R Troiano (NCI), H Van Tassel (NCI)

APPENDIX C. SUMMARY OF PROPOSED NHANES 2005

Proposed New Content

Examination	Proposer
Spirometry with Nitrous Oxide biomarker	NHLBI, NCEH , NIA, NIOSH
Oral Glucose Tolerance test (12-74)	NIDDK, NCCDPHP(DDT)
Eye examination (dilation, fundus photo, test for glaucoma, lens photo)	NCCDPHP (DDT), NIDDK
Chemosensory impairment test	NIDCD, NIA
Bone density hip	NIAMS, NIA
Allergy skin tests	NIAID
Physical function measures—grip strength, timed walk, repeated chair stands	NIA
Self assessment pubertal maturation	NCHS
Laboratory	
Fibrinogen	NHLBI
Apolipoprotein B, Lipoprotein (a)	NHLBI
24 hour urine sodium	NHLBI
Oral GTT	NIDDK, NCCDPHP (DDT)
Serum aflatoxin B ₁ lysine adduct	NCEH
Serum cystatin-C	NIDDK
24 hour urine subsample creatinine?	EPA
Household dust sample (allergens)	NIEHS
Serum IgE (allergens)	NIEHS
DNA specimen collection	NCHS
Messenger RNA specimen collection	NCI
Questionnaire	
Sleep disorders	NHLBI
More diabetes	NIDDK, NCCDPHP (DDT)
Occupational respiratory exposures	NIOSH

Proposed Continuation of Content

Examination	Proposer
Blood pressure	NHLBI
24 hour dietary recall	NHLBI
Anthropometry	NHLBI
Food Frequency	NHLBI
Total body DXA	NIDDK
Physical activity monitor	NIDDK
Balance examination (possible new method)	NIDCD. NIA
Audiometry (different age groups 6-19, 70 and older)	NIDCD
Oral health (screening exam without dentist)	NCCDPHP (DOH)

Laboratory	
Cholesterol (total, LDL, HDL)	NHLBI
C-reactive protein	NHBLI
Homocysteine	NHLBI
Urine albumin and creatine	NIDDK

Proposed Dropped Content

Examination	Proposer
Lower extremity disease component	NHLBI, NCCDPHP (DDT)
Mental health component	NIMH

Other Proposed Health Examination Activity

NIH-NCI proposed a Community HANES emphasizing energy balance (diet, weight status and physical activity).