

**MINUTES OF THE NUTRITION COORDINATING COMMITTEE (NCC)
MEETING, NATIONAL INSTITUTES OF HEALTH (NIH)
Rockledge 2, Conference Room 9100-9004, Bethesda MD
October 6, 2005, 2:00-4:00 PM**

WELCOME

Dr. Pam Starke-Reed, Deputy Director, Division of Nutrition Research Coordination (DNRC) convened the meeting at 2:00 PM and welcomed participants. Participating via phone were Dr. Jennifer Seymour, Centers for Disease Control and Prevention (CDC); Ms. Wendy Sandoval, Indian Health Service (IHS); Dr. Deb Olster, NIH Office of Behavioral and Social Sciences Research (OBSSR); Dr. Judy Finkelstein, National Institute on Aging (NIA); COL Gaston Bathalon, Department of Defense (DoD); Ms. Martina Vogel-Taylor, NIH Office of the Director (OD); Dr. Barry Portnoy, NIH OD; Dr. Susan Welsh, Cooperative State Research, Education, and Extension Service (CSREES), USDA; and Dr. Shirley Blakely, Food and Drug Administration (FDA). The agenda for the meeting is provided as Appendix A, and the list of attendees is provided as Appendix B.

APPROVAL OF MINUTES FROM THE SEPTEMBER 1, 2005 NCC MEETING

Minutes from the September 1, 2005, NCC Meeting had previously been sent to NCC members via email. Three changes to the attendance list (Appendix A) for the minutes had been sent to the DNRC Office. Dr. Starke-Reed asked if there were any other corrections to the minutes. There were none. Dr. John Milner, National Cancer Institute (NCI), made a motion to approve the minutes, and Dr. Becky Costello, 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.

Dr. Starke-Reed mentioned an action item from the minutes of the September meeting regarding the identification of a person from each Institute or Center (IC) to become involved with the “omics” issue presented to the NCC by Dr. Milner at the September 1st meeting. If you have not done so already, send the name of your IC representative on this issue to both Dr. Milner and Dr. Starke-Reed.

SCIENCE FOR GLOBAL HEALTH: FOGARTY INTERNATIONAL CENTER (FIC) SUPPORT OF INTERNATIONAL NUTRITION RESEARCH

Ms. Natalie Tomitch, FIC, discussed the nutrition-related research activities and interactions of the FIC. She covered the importance of supporting international research; trends in NIH support of international research; the mission, programs and partners of FIC; examples of nutrition-related collaborative research and training supported by FIC; and ideas for promoting interaction and joint efforts with FIC on international activities related to nutrition. Support mechanisms for NIH international research activities include domestic awards with a foreign component, direct awards to a foreign institution, and research training. Foreign components of domestic awards increased from \$25M in Fiscal Year (FY) 1994 to \$240M in FY 2003. Direct foreign research awards increased from \$50M in

FY 1994 to \$200M in FY 2003. FIC activities are dedicated to developing research capacity and advancing health research in low- and middle-income countries. Ms. Tomitch briefly covered FIC nutrition-related activities with regard to research grant programs, International Research Collaboration Awards (FIRCA), Global Health Research Initiative Programs for New Foreign Investigators (GRIPs), International Studies on Health and Economic Development, activities on brain disorders, International Cooperative Biodiversity Groups, Research Training Programs, Research Training Grants, the AIDS International Training and Research Program (AITRP), the Global Infectious Disease Research Training Program (GID), Maternal and Child Health activities, and population and health activities. Copies of Ms. Tomitch's PowerPoint slides are available from Ms. Linda Somuah, DNRC.

UPDATE OF NHANES PLANNING FOR 2007-2010

Mr. Clifford Johnson, National Center for Health Statistics (NCHS), CDC, reviewed the current content of the 2005-2006 National Health and Nutrition Examination Survey (NHANES) and reviewed proposals under consideration for 2007-2008. A summary of all NHANES content from 1999 through 2006 was handed out and is available at <http://www.cdc.gov/nchs/nhanes.htm>. A summary of proposed content still under consideration for 2007 was handed out and is attached as Appendix C. A new oral health exam with a validity study is proposed for 2009. There are plans to transition from mercury sphygmomanometers to aneroid in 2007. Items that will be cycling out in 2007 include the physical activity monitor, food propensity questionnaire, and cardiovascular fitness. In the next several months, NCHS will be reviewing current content with collaborators for opportunities to cycle out additional content and reduce respondent burden. It is necessary to cycle out content to allow time for new content. NCHS is cautiously optimistic that they will again begin collecting genetic specimens in 2007. The National Institute for Environmental Health Sciences (NIEHS) has expressed interest in assisting NCHS with funding for this, and NCHS is seeking outer partners both inside and outside of NIH.

The deadlines for proposed content for the 2009-2010 NHANES have been set. The final date for letters of intent to be received by NCHS is September 15, 2006. NCHS will notify proposers by December 1, 2006 as to whether a proposal will be given further review. Proposers will have until February 28, 2007 to submit the final research proposal. Proposers are strongly encouraged to make their proposals for 2009-10 well in advance of these deadlines. Questions regarding the planning of NHANES for 2007-2010 should be addressed to Ms. Vicki Burt (301 458-4127; vlb2@cdc.gov).

NIH OFFICE OF DIETARY SUPPLEMENTS (ODS)

Dr. Becky Costello, ODS, provided an update of the activities of that Office. In FY 2005, ODS co-funded 103 grants with 14 ICs, for a total of \$17.4 million, on topics that included development of methods for botanical supplement analysis and a range of pre-clinical and clinical studies of dietary supplements. This includes funds for training of future scientists in dietary supplement research.

ODS provided an additional \$4.7 million toward IAGs with seven Federal agencies. A listing of these co-funded studies is available upon request and will shortly be posted to the ODS home page at <http://ods.od.nih.gov>. ODS is pleased with the IC partnerships reflected in its grants portfolio and looks forward to another successful year.

The ODS Trans-NIH/Agency Working Group is meeting on October 27, 2005 in the NIH Neuroscience Conference Room D, Rockville MD from 1:30- 3:30 PM. An agenda will be forthcoming. Contact Dr. Ken Fisher for further information at FisherK@od.nih.gov.

The NCI/ODS meeting, *Frontiers in Metabolomics for Cancer Research* will be on October 24-25, 2005 in Rockville MD. Please register as soon as possible, <http://www3.cancer.gov/prevention/frontiers/index.html>. Logistical information and an agenda can also be found on the meeting website.

Another conference of interest to the NCC is the World Health Organization (WHO)/International Life Science Institute (ILSI)/National Science Foundation (NSF) *International Symposium on Health Aspects of Calcium and Magnesium in Drinking Water* on April 24-26, 2006, Baltimore, MD. Contact Dr. Joseph Cotruvo (josephcotruvo@yahoo.com; phone/fax 1 202 362-3076) for more information.

The *2004 Annual Bibliography of Significant Advances in Dietary Supplement Research* will be available on the ODS homepage (http://ods.od.nih.gov/Research/Annual_Bibliographies.aspx) on or about October 20, 2005 and hard copies are available on request. Dr. Costello expressed thanks to NIH reviewers of this document.

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

Ms. Kathryn McMurry, ODPHP, discussed the Healthy People (HP) 2010 Midcourse Review; the DHHS consumer book, *A Healthier You: Based on the Dietary Guidelines for Americans*; and research recommendations from the Dietary Reference Intake (DRI) Subcommittee.

With regard to the HP2010 Midcourse Review, a public comment period on changes to objectives was held from August 15 through September 15, 2005. Over 250 comments were submitted and can be viewed on the website, <http://www.healthypeople.gov/>. The Work Group Coordinators are reviewing and considering the comments. To retain a developmental objective, a valid, nationally representative database needs to be identified. The ODPHP goal is to provide feedback and guidance on all HP2010 chapters by the end of October 2005. The Work Groups will then have six weeks to complete the chapters for clearance. The Departmental clearance is still expected to be completed by the end of 2005 with final publication in 2006.

With regard to the DRI research recommendations, a Task Order was awarded to Institute of Medicine (IOM) to prepare a synthesis of the research recommendations from the DRI reports. Partial funding has been provided by ODS, DNRC, ODPHP, and the Agricultural Research Service (ARS) at USDA. Additional funds are expected from Health Canada. The first meeting with IOM staff to discuss the activity plan is in the planning stages. The major deliverables

will include a searchable database that will identify research areas and a public workshop to gain input on the database and on the recommendations.

The consumer book, *A Healthier You*, was cleared through DHHS with comments which are being addressed. The book is on target to be launched at the *National Prevention Summit* on October 24, 2005. Thanks were offered to those who provided reviews of the book, and special thanks were offered to Dr. Darla Danford, National Heart, Lung, and Blood Institute (NHLBI) and her team for updating the DASH Eating Plan and recipes for this book. Marketing ideas for the book are welcomed and should be forwarded to Ms. Chris Dobday, ODPHP. Questions regarding the book should be directed to CAPT Penny Royall, ODPHP, or Ms. Dobday.

UPDATE OF DNRC ACTIVITIES

Dr. Starke-Reed introduced Ms. Rachel Fisher as a new DNRC staff member. Ms. Fisher received her MS and MPH at Tuft's University and completed an internship at USDA. She has been with the DNRC as a Program Analyst for two weeks. One of her DNRC responsibilities will be the NCC Meeting minutes.

DHHS Obesity Issues. Dr. Van Hubbard, Director DNRC, provided an update of his DHHS detail on obesity issues. He described the formation of an Interagency Working Group that will report to the Committee on Sciences within the Office of Science and Technology Policy (OSTP), Executive Office of the President. Obesity is to receive heightened priority with increased interactions across federal agencies regarding research needs to address the public health problem of obesity. The activity will involve Dr. John Marburger, Principle Advisor to the President on Science. Progress will be based on the best available research. Outcome products from this effort are still to be decided. There likely will be a conference within a year to stimulate follow-up activities and action items.

International Nutrition Congress. Dr. Starke-Reed and Dr. John Milner, NCI, reported on an NIH workshop, *Moving the Nutrition Research Agenda Forward: Perspectives from the NIH* at the International Nutrition Congress in Durbin, South Africa on September 19, 2005. Dr. Daniel Raiten, National Institute for Child Health and Development (NICHD), had been contacted to organize the workshop, and NIH presenters were Dr. Sooja Kim, Center for Scientific Review (CSR); Dr. John Milner, NCI; Dr. Pam Starke-Reed, DNRC; and Dr. Daniel Raiten. The agenda for the workshop is provided as Appendix D. Approximately 75 people attended the workshop, and participants expressed much interest in opportunities to collaborate in NIH nutrition research.

Nutrition Education Subcommittee (NES). Dr. Jean Pennington, DNRC, provided an update of the activities of the NIH NCC NES. Since the beginning of 2005, 45 documents have come in for review including 19 from NIH (five from NCI, one from the DNRC, two from the NICHD, three from NHLBI, three from ODS, two from the Weight-control Information Network (WIN), and three from the National Institute for Diabetes and Digestive and Kidney Diseases (NIDDK); 11 from

DHHS; 14 from USDA; and one from the Department of Defense (DoD).

Materials reviewed since the last NCC meeting include:

- *Avoid Portion-Size Pitfalls* (CDC)
- *Getting older. Living healthier. Feeling better* (Administration on Aging (AoA))
- *Questions and Answers about Kava for Anxiety and Stress* (ODS)
- *A Healthier You: Based on the dietary guidelines for Americans*, 2nd draft (ODPHP)

Dr. Pennington reminded NCC attendees that a listing of IC nutrition education materials is provided on the DNRC website and requested that any needed updates be communicated to the DNRC.

Human Nutrition Research and Information Management (HNRIM) System Update. Mr. Jim Krebs-Smith, DNRC, provided a status report of the HNRIM System. Modifications to the HNRIM websites have been completed and are now available. Enhancements include several new viewing and reporting options on both public and data update websites. Links to PubMed searches of Principal Investigator names have also been implemented. Similar links based on Project Number are under development and expected shortly. Mr. Krebs-Smith invited members to visit the public website (<http://hnrnim.nih.gov>) and try out these new features, and send him comments, questions, or reports of any problems.

REPORTS FROM NCC MEMBERS AND LIAISONS

Dr. Kathy Ellwood, FDA, noted that there is an opening for a nutrition scientist position at the 13/14 level at FDA, and that information about the position is available at the FDA website [<http://www.fda.gov>].

Dr. Rick Troiano, NCI, noted that the isotope for doubly labeled water energy studies was now available for about two dollars per gram, and he encouraged NCC members to get this information to researchers before low demand causes manufacturers to cut supplies.

Dr. John Milner, NCI, mentioned the workshop *Frontiers in Metabolomics for Cancer Research*, which was previously noted by Dr. Costello. This workshop will be held at the Double Tree Hotel in Rockville MD on October 24-25, 2005. There is no registration fee for the workshop, but space is limited. You may visit the website <http://www3.cancer.gov/prevention/frontiers/index.html> or contact Dr. Young S. Kim at yk47s@nih.gov or 301 496-0126 or Dr. Padma Maruvada at maruvadp@mail.nih.gov or 301 594-1044.

Dr. Starke-Reed noted the IOM workshop *Challenges in Managing Food-Derived Risk* to be held on December 13, 2005 at the National Academies Auditorium, 2100 C Street NW, Washington DC. The meeting is sponsored by the Food Forum and the Food and Nutrition Board. Additional information is available from Ms. Geraldine Kennedo, 202 334-1917, gkennedo@nas.edu, fax 202 334-2316.

NEXT NCC MEETING

The next NCC Meeting is scheduled for November 3, 2005.

ADJOURNMENT

The meeting was adjourned at 3:55 PM.

LIST OF APPENDICES

Appendix A - NIH NCC Meeting Agenda for October 6, 2005

Appendix B - NCC Meeting Attendees for October 6, 2005

Appendix C – Proposals Under Consideration for 2007-2008 NHANES

Appendix D - Agenda for the NIH Workshop held at the INC, September 19, 2005

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APPENDIX A. NIH NCC MEETING AGENDA FOR OCTOBER 6, 2005
2:00-4:00 PM, Rockledge 2, Conference Room 9112-9116, Bethesda MD

1. **Welcome**.....Pam Starke-Reed
2. **Approval of Minutes of the September 1, 2005 Meeting**
.....Pam Starke-Reed
3. **Science for Global Health. Fogarty International Center
Support of International Nutrition Research**.....Natalie Tomitch
4. **Update of NHANES Planning for 2007-2010**.....Cliff Johnson, NCHS
5. **Update from the Office of Dietary Supplements**..... Becky Costello
6. **Update from ODPHP**.....Kathryn McMurry
Healthy People 2010 Midcourse Review
DHHS A Healthier You: Based on the Dietary Guidelines for Americans
Dietary Reference Intake Subcommittee Research Recommendations
7. **DNRC Activities Update**
DHHS Obesity-Related Activities.....Van Hubbard
ICN.....Pam Starke-Reed, John Milner
Nutrition Education Subcommittee.....Jean Pennington
International Committee.....Pam Starke-Reed, Dan Raiten
HNRIMJim Krebs-Smith
8. **Reports from NCC Members and Liaisons**.....NCC Members
9. **Next Meeting: November 3, 2005**.....Pam Starke-Reed
10. **Adjournment**.....Pam Starke-Reed

APPENDIX B. NCC MEETING ATTENDEES FOR OCTOBER 6, 2005

	Members Present	Members Absent	Alternates Present
<u>Chairperson:</u>	V Hubbard		P Starke-Reed

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	R Breslow
NINR	Y Bryan		
NCCAM		M Klein	
NCRR	L Yager		
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	C Johnson S Blakely
FDA	K Ellwood		
HRSA	M Lawler		
IHS		T Brown	J Charles-Azure
ODPHP	K McMurry		
USDA	M Kretsch		D Klurfeld
DoD		K Friedl	

DNRC: D Babcock (NINDS), R Fisher, W Johnson-Taylor, J Krebs-Smith, C McDade-Ngutter, J Pennington, K Regan, L Somuah

Guests: G Bathalon (DoD), W Kessel (ODPHP), A Jerkins (CSR), W Sandoval (IHS), J Seymour (CDC), R Troiano (NCI), S Welsh (CSREES, USDA)

**APPENDIX C. PROPOSALS UNDER CONSIDERATION FOR 2007-2008
NHANES**

Site	Main Area	Topic	Agency	Survey Requirements
MEC QX	Race	Reactions to Race	CDC- Measures of Racism WG	Up to 6 items
HH QX	Religiosity Spitituality	Religiosity/Spirituality (R/S) and Stress Factors	Medical University of SC; possibly others	R/S questions and a stress scale to go with fibrinogen, CRP and other biomarkers
HH QX	Arthritis	“Gouty” Arthritis	National Arthritis Data Work Group: NIAMSD, University of Alabama- Birmingham; Univ Nebraska	1 question, Lab aspect already on survey
HH QX or MEC QX	HR-QOL Questions	Health-related QOL items	CDC- NCCDPHP	9 questions, 5 of 9 already on survey, lots of external demand for QOL questions
Lab	Aflatoxin	Aflatoxin exposure	NCEH	Sera specimen
Lab	Hepatitis	Viral hepatitis- increased serologic markers 2-5 years old and Hep C genotyping	CDC-DVH	0.25 more serum on 2-5 year olds required
Lab	Lipids-lab	Plasma Omega-3 fatty acids	CDC-NCEH	Plasma specimen
HH QX	Kidney	Kidney stones	NIH/NIDDK	2 NHANES III questions proposed for SPs20+ yr
Exam	Spirometry	Pre-Post- bronchodilator spirometry; Exhaled Nitric Oxide	NIOSH and NHLBI	Examinees 6- 80 yrs
Telephone QX and HH QX	Consumer Behavior	Flexible Consumer Behavior Survey (FCBS) module (not developed)	USDA/ERS	Examined adults with diet recalls. Administer part of DBQ or post-

Site	Main Area	Topic	Agency	Survey Requirements
				recall module
HH QX and Exam and Lab	Arthritis	Inflammatory back pain and ankylosing spondylitis (AS)	National Arthritis WG via Reva Lawrence	4 questions for sure and possibly a follow-up with an HLA-B27 test. 5 minutes in exam center
HH QX	Diabetes	Gestational diabetes questionnaire items	NIDDK	1 question
MEC	Urine flow	Time and volume	NCHS	Volume of urine Time of last and previous void
Lab	PSA	Additional PSA subfractions	NCCDPHP, DOC	No increase burden
Exam	Obesity	Abdominal Sagittal Thickness	NCCDPHP	Examinee must lie flat
MEC ACASI	Growth and Development	Self-assessed pubertal maturation	NCHS	10 minutes exam time
MEC dietary	Supplements	24 hour dietary supplement intake	NCHS/ODS	Large burden if many supplements
HH QX	Resource economics	Social and economic costs of asthma	EPA	Large burden for those with asthma
HH QX	Resource economics	Value of a statistical life	EPA	Questions on union membership, hourly wages

**APPENDIX D. AGENDA FOR THE NIH WORKSHOP HELD AT THE INC,
September 19, 2005**

**International Union of Nutrition Scientists
18th International Congress
Durban, South Africa**

***Moving the Nutrition Research Agenda Forward: Perspectives from the NIH
A Workshop***

September 19, 2005

- 14:00-14:10 Introduction
Workshop Chair: Dan Raiten, NICHD
- 14:10-14:30 Perspectives on the position of NIH in the international nutrition
research community: views on the role of NIH from the
international community
Speaker: Ricardo Uauy
- All talks will include 20 min presentation plus 10 min for Q & A
- 14:30-15:00 Overview of NIH: Who are we and what do we do?
Speaker: Pamela Starke-Reed, DNRC
- 15:00-15:30 What makes for a successful grant application: the peer review
process
Speaker: Sooja Kim, CSR
- 15:30-16:00 “Making the cut”: secrets to a successful grant application: an
investigator’s perspective
Speaker: Parul Christian, Johns Hopkins University
- 16:00-16:30 “Frontiers in Research with Bioactive Food Components, the
“Omics” and Cancer”: perspectives from the National Cancer
Institute
Speaker: John Milner, NCI
- 16:30-17:00 Opportunities for international research collaboration in maternal
and child health: NICHD international nutrition interests,
mechanisms, and capacity building
Speaker: Dan Raiten, NICHD
- 17:00-17:30 Panel Discussion
Chair: Dan Raiten, NICHD