

NUTRITION & CANCER PREVENTION RESEARCH PRACTICUM

March 12–16, 2012
Executive Plaza North
& NIH Main Campus



NUTRITIONAL
SCIENCE
Research Group



**Nutritional Science Research Group
Division of Cancer Prevention
National Cancer Institute
&
Department of Nutrition
NIH Clinical Center**



<http://prevention.cancer.gov/programs-resources/groups/ns/events/practicum>



TUESDAY, MARCH 13, 2012

EPN/USDA Beltsville/NIH Main Campus

(Meet at EPN, travel to USDA and NIH Main Campus – transportation provided, end at NIH Main Campus)

*Must have a valid photo ID

8:00 am Meet at EPN
Board shuttle bus to USDA Beltsville

9:00 - 12:30 pm Clinical Intervention Studies
Dr. David Baer and colleagues
USDA Beltsville (Bldg 307/B)

Overview of the Clinical Research Program at the Beltsville Human Nutrition Research Center

Dr. David Baer

Approaches to Clinical Nutrition Studies of Cancer Prevention: Introductory/Overview of Design & Biomarkers for Clinical Cancer Studies

Dr. Janet Novotny

Biological Effects of Garlic Intake

Dr. Craig Charron

Enhancing Nutrient Content of Plant-Based Foods

Dr. Steve Britz

Tour of Facilities

Drs. Beverly Clevidence, Sarah Gebauer, and Patrick Sullivan

12:30 pm Shuttle to NIH Main Campus

1:00 pm Pass through NIH Security
Lunch on own, Bldg 10 (Cafeteria)

2:00 – 3:00 pm Stars in Nutrition and Cancer Lecture
(Lipsett Amphitheater, Bldg 10)

Novel Omega-3 Mediators & Mechanisms in the Resolution of Inflammation: What Can They Tell Us About Preventative and Therapeutic Approaches

Dr. Charles Serhan

Gelman Professor Harvard Medical School

Dept of Anesthesiology, Perioperative and Pain Medicine

Professor, Dept of Oral Medicine, Infection and Immunity

Harvard School of Dental Medicine

Boston, MA

Total CPEUs: 6.0

WEDNESDAY, MARCH 14, 2012

*Executive Plaza North Conference Rooms CDEF
(Breakfast on your own)*

Specific Foods and Compounds

- 8:30 – 8:50 am Garlic, Culinary Herbs and Spices**
Dr. John Milner
Nutritional Science Research Group, NCI
- 9:00 – 9:20 am Tomatoes & Lycopene**
Dr. Holly Nicastro
Nutritional Science Research Group, NC
- 9:30 - 9:50 am Mushrooms & β -glucans**
Dr. Gabriela Riscuta
Nutritional Science Research Group, NCI

BREAK Tea Time

- 10:20 – 10:40 am Folate and Cancer Prevention**
Dr. Regan Bailey
Office of Dietary Supplements, NIH
- 10:50 – 11:10 am Fish and Omega-3 Fatty Acids**
Dr. Artemis Simopoulos
Center for Genetics, Nutrition and Health
- 11:20 – 11:40 am Meat and Cancer Prevention**
Dr. Rashmi Sinha
Division of Cancer Epidemiology and Genetics, NCI

LUNCH

- 1:10 – 1:30 pm Vitamin D and Cancer Prevention**
Dr. Michal Freedman
Division of Cancer Epidemiology and Genetics, NCI
- 1:40 – 2:00 pm Calcium and Cancer Prevention**
Dr. Nancy Emenaker
Nutritional Science Research Group, NCI
- 2:10 – 2:30 pm Alcohol Intake and Cancer Prevention**
Dr. Phil Taylor
Division of Cancer Epidemiology and Genetics, NCI

BREAK

Bioenergetics

- 3:00 – 3:20 pm Molecular Approaches to Obesity, Diet and Cancer Prevention**
Dr. Sharon Ross
Nutritional Science Research Group, NCI
- 3:30 – 3:50 pm Eating Behaviors and Obesity in Cancer**
Dr. Linda Nebeling
Division of Cancer Control and Population Sciences, NCI
- 4:00 – 4:20 pm Nutrition Related Research: Quality and Funding Sources**
Dr. Esther Myers
Academy of Nutrition and Dietetics, Chicago, IL
- 4:30 pm Adjourn**
- 6 - 8 pm Reception Sponsored by the Academy of Nutrition and Dietetics**
Lebanese Taverna, 7141 Arlington Road, Bethesda

Total CPEUs: 7.0

THURSDAY, MARCH 15, 2012 *NIH Nutrition Research Day*
(Masur Auditorium, Bldg 10, NIH Main Campus)

- 8:30 – 8:45 am** **Welcome to NIH and the Clinical Center**
Merel Kozlosky, MS, RD
Dietetic Internship Director and Supervisory Metabolic Dietitian
Nutrition Department, Clinical Center, NIH
- 8:45 – 9:15 am** **Role of the Clinical Research Dietitian at the NIH Clinical Center**
Madeline Michael, MS, RD
Chief, Clinical Nutrition Services
Nutrition Department, Clinical Center, NIH
- 9:15 – 10:00 am** **Parade of Protocols at the NIH Clinical Center**
Amber Courville, PhD, RD
Jennifer Graf, MS, RD
Emma Cowie, Tova Jacobovits, MS
Jessica Larson, MS, and Alyssa Mark, MS
Nutrition Department, Clinical Center, NIH
- 10:00 – 10:15 am** **Break**
- 10:15 – 11:00 am** **NIH Nutrition-Related Research Databases**
Karen S. Regan, MS, RD
Nutritionist
Division of Nutrition Research Coordination/Office of Dietary
Supplements, NIH
- 11:00 – 11:45 am** **New Methods of Dietary Assessment**
Sharon Kirkpatrick PhD, MHSc, RD
Applied Research Program, Division of Cancer Control and Population
Sciences
National Cancer Institute, NIH
- 11:45– 12:45 pm** **Lunch *on your own***
- 12:45 – 1:30 pm** **Clinical Center Tour, including Metabolic Clinical Research Unit**
- 1:30 – 2:00 pm** **Transit to Lister Hill Center (Bldg 38A)**
- 2:00 – 3:00 pm** **National Library of Medicine**
Overview and Native Voices: Native Peoples’ Concepts of Health and
Illness (library exhibition)

Total CPEUs: 7.0

FRIDAY, MARCH 16, 2012

*Executive Plaza North Conference Rooms CDEF
(Breakfast on your own)*

- 8:00 – 8:20 am The Role of Evidence-Based Reviews for Nutrition Topics: The ODS Experience**
Dr. Paul Coates
Office of Dietary Supplements, NIH
- 8:30 – 8:50 am Public Health Policies on Nutrition: 2020 Initiatives and Guidelines**
Dr. Margaret McDowell
Division of Nutrition Research and Coordination, NIDDK
- 9:00 – 9:20 am Dietary Supplement Databases**
Dr. Johanna Dwyer
Office of Dietary Supplements, NIH
- 9:30 – 9:50 am Introduction to Database Applications**
Dr. Susan Pilch
NIH Library

BREAK

- 10:20 – 10:40 am Variation in Diet: Socioeconomic Status and Race/Ethnicity**
Dr. Sharon Kirkpatrick
Division of Cancer Control and Population Science, NCI
- 10:50 – 11:10 am Nutrigenomics: Ethics, Social, and Public Health Issues**
Ms. Kathryn Camp
Office of Dietary Supplements, NIH
- 11:20 – 11:40 am Research Training and Career Development Opportunities Supported by the NCI**
Dr. Susan Perkins
Cancer Training Branch, NCI
- 11:50 – 12:10 pm Strengths and Limitations of Different Study Designs with Special Attention to Clinical Trials**
Dr. Maria Agelli
Nutritional Science Research Group, NCI

LUNCH

Light lunch provided

- 1:20 – 1:40 pm Consumer Messages**
Mr. David Schmidt
International Food and Information Council
Washington, DC
- 1:50 – 2:50 pm Communicating your Message**
Ms. Nan Tolbert
The Communication Center®
Washington, DC
- 3:00 pm Wrap Up**

Total CPEUs: 6.0