

**NUTRITION AND CANCER PREVENTION
RESEARCH PRACTICUM**

March 20-24, 2006

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

**National Institutes of Health
Dept. of Health and Human Services**

**6130 Executive Boulevard, Conference Rooms CDE
Rockville, MD**

MONDAY, MARCH 20, 2006

Executive Plaza North Conference Rooms CDE

(8:00 – 9:00 am) Meet and Greet
Maureen Leser, MS, RD
Director, NIH Dietetic Internship
Elaine Trujillo, MS, RD
NSRG, NCI

(9:00 – 9:15 am) NIH/NCI Overview
Elaine Trujillo, NSRG, NCI

(9:15 – 9:45 am) SEER Data on Cancer Trends
Dr. Brenda Edwards
Division of Cancer Control and Population Sciences, NCI

(9:45 – 10:30 am) Cancer 101
Dr. Connie Rogers and Dr. Ken Hance
Nutritional Epidemiology and Molecular Biology, NCI

BREAK

(11:00 – 11:40 pm) Introduction to Functional Foods, Bioactive Food Components and Nutrigenomics
Dr. John Milner
Nutritional Science Research Group, NCI

(11:40 – 12:20 pm) Biomarkers for Cancer Prevention
Dr. Arthur Schatzkin
Division of Cancer Epidemiology and Genetics, NCI

LUNCH (on your own)*

Polyphenols

(1:45 – 2:15 pm) Flavonoids
Dr. Johanna Dwyer
Office of Dietary Supplements, NIH

(2:15 – 2:45 pm) Soy and Genistein
Dr. Leena Hilakivi-Clarke
Georgetown University

(2:45 – 3:15 pm) Tea and Tea Polyphenols
Dr. Sharon Ross
Nutritional Science Research Group, NCI

(3:15 – 3:45 pm) Tea Time (Break)

Cruciferous & Allium Vegetables

(3:45 – 4:15 pm) Cruciferous Vegetables
Dr. Young Kim
Nutritional Science Research Group, NCI

(4:15 – 4:45 pm) Garlic and Allyl Sulfurs
Dr. John Milner
Nutritional Science Research Group, NCI

(4:45 – 5:00 pm) Wrap-up **Total CPEUs: 5.5**

TUESDAY, MARCH 21, 2006

Split Sessions –see project group list for group placement

GROUP 1

(9:00 am - 12:00 pm)

Introduction to Databases

Dr. Jackie Whitted

Nutritional Science Research Group

Division of Cancer Prevention, NCI

Ms. Karen Regan

Division of Nutrition Research Coordination, NIH

Location: Executive Plaza South (lower level), Training Room 2

LUNCH (please brown bag lunch on this day)

Meet in front of 6130 Executive Blvd at 12:30 pm for shuttle to USDA Beltsville.

(1:30 – 4:00 pm)

Clinical Intervention Studies

Dr. Beverly Clevidence and colleagues

USDA Beltsville

Bldg 307/B

Tour of Metabolic Kitchen

USDA, Beltsville, MD

(5:00 pm)

Arrive back at Executive Plaza

GROUP 2 (*Meet in front of 6130 Executive Blvd at 8 am for shuttle to USDA Beltsville*)

(9:00 – 11:30 am)

Clinical Intervention Studies

Dr. Beverly Clevidence and colleagues

USDA Beltsville

Bldg 307/B

Tour of Metabolic Kitchen

USDA, Beltsville, MD

(12:30 pm)

Arrive back at Executive Plaza

LUNCH (please brown bag lunch on this day)

(1:00 – 4:00 pm)

Introduction to Databases

Dr. Jackie Whitted

Nutritional Science Research Group

Division of Cancer Prevention, NCI

Ms. Karen Regan

Division of Nutrition Research Coordination, NIH

Location: Executive Plaza South (lower level), Training Room 2

Total CPEUs: 6.0

WEDNESDAY, MARCH 22, 2006

Executive Plaza North Conference Rooms CDE

Antioxidants

(8:00 – 8:30 am)

Antioxidants: Conundrum

Dr. Harold Seifreid
Nutritional Science Research Group, NCI

(8:30 – 9:00 am)

Lycopene

Dr. Nancy Emenaker
Nutritional Science Research Group, NCI

(9:00 – 9:30 am)

Vitamin C

Dr. Mark Levine
National Institute for Diabetes & Digestive & Kidney Diseases, NIH

(9:30 - 10:00 pm)

Selenium

Dr. Robert Irons
Nutritional Science Research Group &
Laboratory of Cancer Prevention, NCI

BREAK

Fish and Dairy

(10:30 – 11:00 am)

Vitamin D and Calcium

Steve Byers, Ph.D.
Lombardi Cancer Center
Georgetown University

(11:00 – 11:30 am)

Omega-3 Fatty Acids

Dr. Cindy Davis
Nutritional Science Research Group, NCI

LUNCH*

(1:00 – 1:30 pm)

Alcohol Intake

Dr. Phil Taylor
Division of Cancer Epidemiology and Genetics, NCI

Bioenergetics

(1:30 – 2:00 pm)

Insulin Resistance

Dr. Elaine Lanza
Center for Cancer Research, NCI

(2:00 – 2:30 pm)

Obesity and Physical Activity

Dr. David Berrigan
Division of Cancer Control and Population Sciences, NCI

Clinical Trials

(2:30 – 3:00 pm)

Selenium and Vitamin E Cancer Prevention Trial (SELECT)

Dr. Howard Parnes
Division of Cancer Prevention, NCI

BREAK

(3:30 – 4:00 pm)

Prostate, Lung, Colorectal and Ovarian Cancer Screening Trial (PLCO)

Dr. Chris Berg
Division of Cancer Prevention, NCI

(4:00 – 4:30 pm)

Women's Health Trials

Dr. Lisa Begg
Office of Research on Women's Health, Office of the Director, NIH

(4:30 – 5:00 pm)

Wrap-up

Total CPEUs: 6.0

THURSDAY, MARCH 23, 2006

**NIH Research Day
Lister Hill Auditorium, NIH Main Campus**

- 7:30 am** Coffee and Networking
- 8:00 – 8:25 am** Welcome/The NIH and the Clinical Center
Maureen Leser, M.S., R.D.
Director, NIH Dietetic Internship
- 8:25 - 9:00 am** Dietitians Do it ALL for NHANES: A Review of the Role of RDs in NHANES Research Activities
Margaret McDowell, MS, RD
NHANES
- 9:00 – 9:40 am** Revising the Healthy Eating Index
Patricia Guenther, MS, RD
USDA
- 9:40 – 10:15 am** Look Ahead Study: An NIDDK Obesity Initiative to Examine the Effect of Decreased Caloric Intake and Exercise on Long Term Weight Management and Risk of Type 2 Diabetes
Susan Yanovski, MD
NIDDK, NIH
- 10:15 am** Break
- 10:30 – 11:00 am** Role of RDs in Research at the NIH Clinical Center
Nancy Sebring, M.Ed., R.D.
Nutrition Department, Clinical Center, NIH
- 11:00 – 12:00 pm** Parade of Protocols
Blakeley Denkinger, RD (SCOOP)
Christine Salaits, MS, RD (Orlistat)
Merel Schollnberger, M.S., R.D. (Food Array Studies)
Nutrition Department, Clinical Center, NIH
- 12:00 – 12:14 pm** Lunch
- 12:45** Shuttle Bus to the Clinical Center for the afternoon program
- 1:00** Tour of the NIH Clinical Center

Afternoon Workshops at the Clinical Center

| <u>Time</u> | <u>Workshop</u> | <u>Workshop</u> | <u>Workshop</u> | <u>Workshop</u> |
|--------------------|--|--|--|-----------------------------------|
| 1:45 | Metabolic Kitchen <i>Metabolic Kitchen</i> | Herbal & Botanical Supplements <i>Nutrition Dept Conference Rm</i> | Body Composition & Energy Expenditure <i>2E Atrium</i> | ADA Evidence Based Library |
| 2:45 | Metabolic Kitchen <i>Metabolic Kitchen</i> | Herbal & Botanical Supplements <i>Nutrition Dept Conference Rm</i> | Body Composition & Energy Expenditure <i>2E Atrium</i> | ADA Evidence Based Library |

- 3:30 pm** Evaluations and Goodbye
- 4:00 pm** Tour of National Library of Medicine (for those interested). Shuttle bus will be available back to the National Library of Medicine tour.

Total CPEs: 6.0

FRIDAY, MARCH 24, 2006

Executive Plaza North Conference Rooms CDE

(8:00 – 8:30 am)

Nutrition Labeling and Education Act and Health Claims
Dr. Claudine Kavanaugh
Food and Drug Administration

(8:30 – 9:00 am)

Dietary Supplement Health and Education Act (DSHEA) and Office of Dietary Supplements
Dr. Paul Coates
Office of Dietary Supplements, NIH

(9:00 – 9:30 am)

Ethics
Ms. Carrie Thiessen
Bioethics Fellow, Dept of Clinical Bioethics, NIH

(9:30 – 10:00 am)

Training and Funding Opportunities at the NCI
Dr. Lester S. Gorelic
Cancer Training Branch, NCI

BREAK

(10:30 – 11:00 am)

AICR and the New American Plate
Dr. Susan Higginbotham and Mr. Jeff Prince
American Institute for Cancer Research
Washington, DC

(11:00 -11:30 am)

Complementary and Alternative Medicine
Dr. Wendy Smith
Office of Cancer Complementary and Alternative Medicine, NCI

(11:30 – 12:00 pm)

Consumer Messages
Ms. Wendy Reinhardt Kapsak
International Food Information Council

LUNCH*

(1:00 -3:00 pm)

Communicating your Message
Ms. Nan Tolbert (not confirmed)
The Communication Center® / Susan Peterson Productions Inc.

(3:00 – 3:30 pm)

Wrap Up

Total CPEUs: 5.5

*Lunch is on your own. There are 2 cafeterias in Executive Plaza, one in Executive Boulevard South (lower level) and one in 6116 Executive Boulevard (lobby level). There are also off-campus dining areas within short driving distances (5 minutes) on Rockville Pike.