

**NUTRITION AND CANCER PREVENTION  
PRACTICUM**

**March 14-18, 2005**

**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 14, 2005**

- (8:00 – 9:00 am) Meet and Greet**  
Maureen Leser, MS, RD  
Director, NIH Dietetic Internship  
Elaine Trujillo, MS, RD  
NSRG, NCI
- (9:00 – 9:45 am) SEER Data on Cancer Trends**  
Dr. Brenda Edwards  
Division of Cancer Control and Population Sciences, NCI
- (9:45 – 10:45 am) Cancer 101**  
Dr. Karla Lawson  
Nutritional Epidemiology and Molecular Biology, NCI
- Break**  
**(11:00 – 11:30 pm) Introduction to Functional Foods and Bioactive Food Components**  
Dr. John Milner  
Nutritional Science Research Group  
Division of Cancer Prevention, NCI
- (11:40 – 12:20 pm) Omics of Nutrition and Cancer Prevention**  
Dr. Cindy Davis  
Nutritional Science Research Group  
Division of Cancer Prevention, NCI
- Lunch (on your own)\***
- (1:45 – 2:15 pm) Nutritional Epidemiology**  
Dr. Arthur Schatzkin  
Division of Cancer Epidemiology and Genetics, NCI
- (2:15 – 2:45 pm) Knockout and Transgenic Models**  
Dr. Matthew Young  
Center for Cancer Research, NCI
- (2:45 – 3:15 pm) Tea Time and Demo**
- (3:15 – 3:45 pm) Tea and Tea Polyphenols in Cancer Prevention**  
Dr. Sharon Ross  
Nutritional Science Research Group  
Division of Cancer Prevention, NCI
- (3:45 – 4:15 pm) Indole-3-Carbinol and Hormone Sensitive Cancers**  
Dr. Young Kim  
Nutritional Science Research Group  
Division of Cancer Prevention, NCI
- (4:15 – 4:45 pm) Garlic: Is It Worth the Stink**  
Dr. John Milner  
Nutritional Science Research Group  
Division of Cancer Prevention, NCI
- (4:45 – 5:00 pm) Wrap-up**                      **Total CPEUs: 5.5**

**NIH Dietetic Internship Research Day**  
**Tuesday, March 15, 2005**      **8:00 – 3:30 pm**

The morning program will be held in Lister Hill Auditorium, on the NIH campus. At noon interns will travel by shuttle to the NIH Clinical Center (Building 10) for lunch, a tour, and workshops.

**AGENDA**

**SPEAKERS**

- |       |  |   |
|-------|--|---|
| 8:00  | Continental Breakfasting and Networking  |   |
| 8:30  | Welcome<br>Clinical Center Video   | Maureen Leser, MS, RD<br>Director, NIH Dietetic Internship  |
| 8:45  | Role of RDs in Research at the Clinical Center   | Nancy Sebring, MEd, RD<br>Clinical Research Dietitian, NIH CC   |
| 9:15  | Evaluating Nutrition Research:<br>Evidence Based Systems for Evaluating<br>Clinical Practice Recommendations   | Madeline Michael, MPH, RD<br>Clinical Manager, NIH CC Nutrition<br>Department   |
| 9:45  | Parade of Nutrition Protocols  | Clinical Research Dietitians<br>NIH Clinical Center   |
| 10:15 | Break  |   |
| 10:30 | Nutrition Research in a Public Health Trial:<br>The National Children’s Study  | Mary Frances Picciano, PhD<br>Senior Nutrition Research Scientist<br>Office of Dietary Supplements, NIH   |
| 11:15 | Energy Expenditure: Measurement Tools<br>and Applications  | Gloria Stables, PhD, MS, RD<br>Adjunct Professor<br>Dept of Nutrition and Food Science<br>University of Maryland, College Park,<br>MD<br>Nutrition Consultant, GJS Associates |
| 12:00 | Lunch in the Natcher Conference Center   |   |
| 12:50 | Take the NIH Shuttle to the Clinical Research Center (North Entrance). Tour directors will meet everyone in the lobby area for the tour of the new research center. At the end of the tour, tour directors will take each group to their first workshop. |   |

<u>Time</u>	<u>Workshop</u>	<u>Workshop</u>	<u>Workshop</u>	<u>Workshop</u>
1:45	<b>Body Composition</b> Nancy Sebring, MEd, RD and Blakeley Denkinger, RD	<b>Botanical and Other Supplements:</b> Marnie Dobbin, MS, RD	<b>Metabolic Kitchen</b> Merel Schollnberger, MS, RD	<b>Metabolic Cart and Med Gem Demonstration</b> NIH Dietetic Interns
2:45	<b>Body Composition</b> Nancy Sebring, MEd, RD and Blakeley Denkinger, RD	<b>Botanical and Other Supplements:</b> Marnie Dobbin, MS, RD	<b>Metabolic Kitchen</b> Merel Schollnberger, MS, RD	<b>Metabolic Cart and Med Gem Demonstration</b> NIH Dietetic Interns

**Total CPEs: 3.5**

**Wednesday, March 16, 2005**

**(9:00 – 12:00 pm)**

Group splits up and  
this session repeated  
from 1:00 – 4:00 pm.

**Clinical Intervention Studies**

Dr. Beverly Clevidence and colleagues, USDA

Bldg 307/C morning session

Bldg 307/B afternoon session

**Tour of Metabolic Kitchen**

USDA, Beltsville, MD

**Lunch\***

**(9:00 – 12:00 pm)**

Group splits up and  
this session repeated  
from 1:00 – 4:00 pm.

**Introduction to Databases, EPS Training Room 2**

Dr. Jackie Whitted

Nutritional Science Research Group

Division of Cancer Prevention, NCI

Ms. Karen Regan

Division of Nutrition Research Coordination, NIH

**Total CPEUs: 6.0**

**Thursday, March 17, 2005**

**(8:00 – 8:30 am)**

**Selenium in Cancer Prevention**

Dr. Robert Irons  
Nutritional Immunology  
Laboratory of Cancer Prevention, NCI

**(8:30 – 9:00 am)**

**Antioxidants: Conundrum**

Dr. Harold Seifreid  
Nutritional Science Research Group  
Division of Cancer Prevention, NCI

**(9:00 – 9:30 am)**

**Alcohol Intake and Cancer Risk**

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

**(9:30 - 10:00 pm)**

**Diet, Immunity, and Cancer**

Dr. Susan Percival  
University of Florida, Gainesville, FL

**Break**

**(10:30 – 11:00 am)**

**Molecular Cause for the Development of Retinoid Resistance in Human Breast Cancer Cells during Malignant Progression**

Dr. Luigi De Luca  
Center for Cancer Research, NCI

**(11:00 – 11:30 am)**

**Change in Dietary Fat and Fiber and Serum Hormone Concentrations: Nutritional Strategies for Breast Cancer Prevention**

Dr. Michele Forman  
Center for Cancer Research, NCI

**Lunch\***

**(1:00 – 1:30 pm)**

**Obesity, Physical Activity, and Cancer**

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

**(1:30 – 2:00 pm)**

**Insulin Resistance and Cancer Risk**

Dr. Elaine Lanza  
Center for Cancer Research, NCI

**(2:00 – 2:30 pm)**

**Transdisciplinary Research on Energetics and Cancer (TREC)**

Dr. Linda Nebeling  
Division of Cancer Control and Population Sciences, NCI

**(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 Initiative (WHI)**

Ms. Mimi Ghebry  
WHI MedStar Clinic

**(4:30 – 5:00 pm)**

**Wrap-up**

**Total CPEUs: 6.0**

