NCI Summer Curriculum in Cancer Prevention

Principles and Practice of Cancer Prevention and Control Course

July 6 through 30, 2004

6001 Executive Boulevard Conference Room C and D Rockville, Maryland 20852 301-435-1465

U.S. Department of Health and Human Services

Public Health Service

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Revised

National Cancer Institute

Division of Cancer Prevention

Office of Preventive Oncology

National Institutes of Health



NCI Summer Curriculum in Cancer Prevention

Principles and Practice of Cancer Prevention and Control Course

Date: July 6 through 30, 2004

Time: 8:30 to 10:00 a.m.

10:30 to 12:00 p.m. 1:00 to 2:30 p.m.

Each session is a different topic and speaker

Location: Conference Room C and D

6001 Executive Boulevard Rockville, Maryland 20852

301-435-1465

Course Presented by:

Office of Preventive Oncology Division of Cancer Prevention National Cancer Institute 6130 Executive Boulevard EPN, Suite 3109

Bethesda, Maryland 20892-7361 Telephone: 301-496-8640

Fax 301-402-4863 http://cancer.gov/prevention/pob/ Stephen Hursting, PhD, MPH, Deputy Director Shine Chang, PhD, Associate Director Graça Dores, MD, MPH, Associate Director Susan Perkins, PhD, Associate Director Barbara Redding, Program Coordinator Susan Winer, Program Specialist Lisa Poe, Program Assistant

Douglas L. Weed, MD, MPH, PhD, Director

Karen Mayer, Summer Intern Maya Vadiveloo, Summer Intern

Course Modules

Module 1: Introduction to the Cancer Problem

Module 2: Ethics, Law and Policy in Cancer Prevention and Control

Module 3: Diet

Cancer Prevention: An International Perspective

Module 4: Biometric Methodology

Module 5: Prevention and Control of Organ Specific Tumors

Module 6: Behavioral Science and Community Interventions

Module 7: Health Disparities and Cancer Prevention in Diverse Populations

Module 8: Occupational Cancer

Module 9: Disseminating Scientific Knowledge

Module 10: The Future of Cancer Prevention and Control

The National Institutes of Health/Foundation for Advanced Education in the Sciences (NIH/FAES) is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

If you have a disability and require any assistive device, services or other reasonable accommodation to participate in this activity, please contact the Office of Preventive Oncology at 301-496-8640 at least one week in advance of the lecture date to discuss your needs.

Educational Objectives

The overall objective of the course is to provide specialized instruction in the principles and practice of cancer prevention and control. The course focuses on the concepts, methods, issues, and applications related to this field. Participants have the opportunity to gain a broad-based perspective of these subjects including resources, data, methods, and theories. Lifetime learning skills include critical appraisal of the literature and bibliographic search concepts and techniques.

Module 1 – Introduction to the Cancer Problem

To familiarize participants with cancer at different levels from cell to organism of cancer biology. To provide methodological foundations in reviewing scientific literature and assessing cause. To promote an understanding of cancer data, including large databases, and to illustrate how these data are used in specific applications in cancer prevention and control.

Module 2 – Ethics, Law and Policy in Cancer Prevention and Control

To provide an introduction to the relevant ethical and legal issues concerning the conduct of research and practice in the field of cancer prevention and control.

Module 3 – Diet

To describe the role of diet and diet-related lifestyle factors (such as weight and physical activity) in the etiology and prevention of cancer. The U.S. diet will be examined for the presence of foods and nutrients pertinent to cancer. Emphasis will be placed on both macro and micronutrients.

Cancer Prevention: An International Perspective

To discuss public health issues (with a focus on cancer prevention and control) in the countries represented by the international participants in the course. Brief (~10 min) presentations will be made on each country by the international participants attending the course.

Module 4 – Biometric Methodology

To describe and illustrate the use of quantitative and qualitative methodologies in cancer prevention and control. Emphasis is placed on both randomized and non-randomized (observational) study designs including intervention trials, screening studies and general population surveys. Analysis and interpretation of data will be featured.

Module 5 - Prevention and Control of Organ Specific Tumors

To familiarize the participant with state-of-the-art information on the descriptive epidemiology, etiology, screening and early detection, with the emphasis on prevention of important cancers.

Module 6 – Behavioral Science and Community Interventions

To discuss cancer prevention and control at the level of practical application using tobacco as the model. Health education strategies, social change, behavioral sciences and community activities are featured.

Module 7 – Health Disparities and Cancer Prevention in Diverse Populations

To examine cancer prevention and control in several distinct populations defined by race and/or ethnicity.

Module 8 – Occupational Cancer

To examine the role occupation plays in the etiology and prevention of various cancers.

Module 9 – Disseminating Scientific Knowledge

To familiarize the participant with how scientific knowledge is disseminated through the media.

Module 10 – The Future of Cancer Prevention and Control

To discuss what has been learned throughout the course and the future of cancer prevention and control.

Module 1: Introduction to the Cancer Problem

July 6 through 8

Educational Objective: To familiarize participants with cancer at different levels from cell to organism of cancer biology. To provide methodological foundations in reviewing scientific literature and assessing cause. To promote an understanding of cancer data, including large databases, and to illustrate how these data are used in specific applications in cancer prevention and control.

Tuesday	v. Jul	lv 6

(8:30 – 10:00 am) Meet and Greet

Break

(10:30 – 12:00 pm) Overview of the National Cancer Institute (NCI) Stephen Hursting, PhD, MPH

Lunch

(1:00 – 2:30 pm) Interpreting Scientific Evidence for Douglas Weed, MD, MPH, PhD

Cancer Prevention

Wednesday, July 7

(8:30 – 10:00 am) What is the Current Evidence (Pro and Con) Bruce Trock, PhD

for Progress Against Cancer?

Break

(10:30 – 12:00 pm) National and International Trends in Cancer Bruce Trock, PhD

Incidence, Mortality and Survival

Lunch

(1:00 – 2:30 pm) The Uses of SEER Data: Trends in Cancer Susan Devesa, PhD, MHS

Incidence and Mortality

Geographic Patterns of Cancer Rates

Thursday, July 8

(8:30 – 10:00 am) Issues in Interpreting Cancer Statistics Bruce Trock, PhD

Break

(10:30 – 12:00 pm) Prevention vs. Treatment and the Next Bruce Trock, PhD

Decade of Progress

Lunch

(1:00 – 2:30 pm) Cancer Prevention from a Biologist's Perspective Stephen Hursting, PhD, MPH

Module 2: Ethics, Law and Policy in Cancer Prevention and Control

July 9

Educational Objective: To provide an introduction to the relevant ethical and legal issues concerning the conduct of research and practice in the field of cancer prevention and control.

Friday, July 9

(8:30 – 10:00 am) Law and Policy in Cancer Prevention and Control

Kerri McGowan Lowrey, JD, MPH

Break

(10:30 – 12:00 pm) The Democratic Ethics of Public Health

Dan Beauchamp, PhD

Lunch

(1:00 - 2:30 pm) No Lecture

Module 3: Diet

July 12 and 13

Educational Objective: To describe the role of diet and diet-related lifestyle factors (such as weight and physical activity) in the etiology and prevention of cancer. The U.S. diet will be examined for the presence of foods and nutrients pertinent to cancer. Emphasis will be placed on both macro and micronutrients.

Monday, July 12

(8:30 – 10:00 am) Diet and Cancer at a Crossroads: Do We Know Arthur Schatzkin, MD, MPH, DrPH What to Believe – or Even Believe What We Know?

Break

(10:30 – 12:00 pm) Dietary Assessment Methods in Cancer Epidemiology Lori Beth Dixon, PhD, MPH

Lunch

(1:00 – 2:30 pm) Changes in Dietary Fat and Fiber and Serum Hormone Concentrations: Nutritional Strategies Michele Forman, PhD

for Breast Cancer Prevention

Tuesday, July 13

(8:30 – 10:00 am) Diet Dependent Biology in Cancer Norman Hord, PhD, MPH, RD

Break

(10:30 – 12:00 pm) Phytonutrients and Cancer Prevention

Henry Thompson, PhD

Lunch

(1:00 – 2:30 pm) Calories, Aging, and Cancer Richard Weindruch, PhD

Cancer Prevention: An International Perspective July 14

Educational Objective: To discuss public health issues (with a focus on cancer prevention and control) in the countries represented by the international participant in the course: Brief (~15 min) presentations will be made on each country by the international participants attending the course.

Wednesday, July 14

(8:30 - 10:00 am)Middle East

> Jordan Yassar O. Nouri, MD Saudia Arabia Alison Brown, BDS, MSc Turkey Sultan Eser, MD, PhD

> > Nadir Ulu, MD Hakan Yaman, MD

Africa

Nairobi Dr. Alice Musibi

(10:00 - 10:15 am)**Break** (10:15 - 12:00 pm)Asia

> China Fang-hui Zhao, MD, MPH Japan Kiyonori Kuriki, PhD, MSc Nepal Kishore Kumar Pradhananga, MPH

> > Pashupati Regmi, MBBS

Russia and Lithuania

Russia Faina Amosenko, MD, PhD

> Andrey Bavykin, PhD Elena Chevkina, PhD

Raisa Garkavtseva, MD, PhD Tatiana Kazubskaya, PhD, MD Liudmila Lyubchenko, PhD Zivile Gudleviciene, MD

Lithuania

(12:00 - 1:00 pm)Lunch

South and Central America (1:00 - 3:00 pm)

> **Brazil** Renato Fagundes, MD, PhD

> > Danilo Viana, MD

Costa Rica Gustavo Gutierrez-Eseleta, PhD

British Isles

Great Britain

Bernard Corfe, PhD Clive Mulatero, PhD Jane Skinner, PhD

Northern Ireland Patricia Heavey, DPhil Susan Rainey, PhD

Republic of Ireland John Cuddihy, MB, BCh, BAO, MPH

> Catherine Feheney Fiona Gilchrist, PhD Elaine Glynn, MA Jennifer Kerlin

Fidelma Mac Hale, MPH Gwen Murphy, BA Eileen O'Donovan

Niamh O'Rourke, MSc, MPH

Siobhan Reynolds, MA

Module 4: Biometric Methodology

July 15 and 16

Educational Objective: To describe and illustrate the use of quantitative and qualitative methodologies in cancer prevention and control. Emphasis is placed on both randomized and non-randomized (observational) study designs including intervention trials, screening studies and general population surveys. Analysis and interpretation of data will be featured.

Thursday, July (8:30 – 10:00 am)	Philosophy and Justification for Randomized Trials Limitations of Observational Studies General Considerations for Trial Designs Factorial Designs Ethical Considerations	Sylvan B. Green, MD
Break		
(10:30 – 12:00 pm	Analysis of Intervention Trials Intent-to-Treat Analysis Meta-analyses and Overviews Covariate Adjustment (Stratified Analysis, Regression Models)	Sylvan B. Green, MD
Lunch		
(1:00 – 1:30 pm)	Statistical Issues Related to Biomarkers in Cancer Prevention	Stuart G. Baker, ScD
(1:30 – 2:30 pm)	Design Issues in the National Lung Screening Trial (NLST)	Richard Fagerstrom, PhD
Friday, July 16 (8:30 – 10:00 am)	Statistical Issues in Analyzing Health Surveys: Application to Cancer and Other Public Health Studies	Barry I. Graubard, PhD Rosalind Breslow, PhD
Break		
(10:30 – 12:00 pm	O Cluster Randomization Design and Analysis of Community Intervention Trial for Smoking Cessation (COMMIT)	Sylvan B. Green, MD
Lunch		
(1:00 – 2:00 pm	Interpreting Subset Analysis and Interactions	Sylvan B. Green, MD
(2:00 – 3:00 pm	Test and Review	

Module 5: Prevention and Control of Organ-Specific Tumors

July 19 through 23

Educational Objective: To familiarize the participant with state-of-the-art information on the descriptive epidemiology, etiology, screening and early detection, with the emphasis on prevention, of important cancers.

Monday, July 19 (8:30 – 10:00 am)	Foundations of the Clinical Practice of Cancer Prevention	Douglas Weed, MD,MPH,PhD
Break (10:30 – 12:00 pm)	Cancer Prevention Trials: Past, Present and Future	Peter Greenwald, MD, DrPH
Lunch (1:00 – 2:30 pm)	Chemoprevention: An FDA Perspective	Ann Farrell, MD
<u>Tuesday, July 20</u> (8:30 – 10:00 am)	Bladder Cancer: Epidemiology and Prevention	Monica Liebert, PhD
	Cervical Cancer: Epidemiology and Prevention	Phillip Castle, PhD, MPH
Lunch (1:00 – 2:30 pm)	Ovarian Cancer: Epidemiology and Prevention	Mark H. Greene, MD
Wednesday, July (8:30 – 10:00 am)	21 Breast Cancer: Epidemiology and Prevention	Kathy Helzlsouer, MD, MHS
Break (10:30 – 12:00 pm)	Prostate Cancer: Epidemiology and Prevention	Angelo M. De Marzo, MD, PhD
Lunch (1:00 – 2:30 pm)	Lung and Upper Aerodigestive Tract Cancers: Epidemiology and Prevention	Eva Szabo, MD
Thursday, July 22 (8:30 – 10:00 am)	Esophageal Cancer: Epidemiology and Prevention	Philip R. Taylor, MD, ScD
Break (10:30 – 12:00 pm)	Colorectal Cancer: Epidemiology and Prevention	Jaye L. Viner, MD, MPH
Lunch (1:00 – 2:30 pm)	Skin Cancers: Epidemiology and Prevention	Marie-France Demierre, MD
Friday, July 23 (8:30 – 10:00 am)	Evidence-based Cancer Screening Implementation: Lessons from Practice	Stephen Taplin, MD
Break (10:30 – 12:00 pm)	Hematologic Malignancies: Epidemiology and Prevention	Martha Linet, MD, MPH
Lunch (1:00 – 3:00 pm)	Pancreatic Cancer: Epidemiology and Prevention Liver Cancer: Epidemiology and Prevention	John A. Baron, MD, MS, MSc

Module 6: Behavioral Science and Community Interventions

July 26 and 27

Educational Objective: To discuss cancer prevention and control at the level of practical application using tobacco as the model. Health education strategies, social change, behavioral sciences and community activities are featured.

Monday, July 26

(8:30 – 10:00 am) Energy Balance: Cancer, U.S. Epidemic, Research Rachel Ballard-Barbash, MD, MPH Priorities

Break

(10:30 – 12:00 pm) Physical Activity and Weight Status: Assessment Richard Troiano, PhD Methods and Population Monitoring

Lunch

(1:00 – 2:30 pm) Smoke-free Irish Workplaces, Including Bars. Fenton Howell, MPH, FFPHMI, Mission Impossible? FRCPI

Tuesday, July 27

(8:30 – 10:00 am) Mechanisms of Addiction William Corrigall, PhD

Break

(10:30 – 12:00 pm) Prevention of Tobacco Use Richard Clayton, PhD

Lunch

(1:00 – 2:30 pm) Treatment of Tobacco Dependence: Translating Scott Leischow, PhD Research into Improved Outcomes

Module 7: Health Disparities and Cancer Prevention in Diverse Populations

July 28

Educational Objective: To examine cancer prevention and control in several distinct populations defined by race and/or ethnicity.

Wednesday, July 28

(8:30 – 10:00 am) Cancer Prevention and Control:

Sandra Millon Underwood, PhD, RN, FAAN

A Focus on African Americans

Break

(10:30 – 12:00 pm) Cancer in Asian Pacific Islander Populations

Moon Chen, Jr. PhD, MPH

Lunch

(1:00 – 2:30 pm) Poverty and Cultural Diversity: Challenges for Jon Kerner, PhD Cancer Control and Eliminating Health Disparities

Module 8: Occupational Cancer

July 29

Educational Objective: To examine the role occupation plays in the etiology and prevention of various cancers.

Thursday, July 29

(8:30 – 10:00 am) Occupational Cancers

Aaron Blair, PhD, MPH

Module 9: Disseminating Scientific Knowledge

July 29

Educational Objective: To familiarize the participant with how scientific knowledge is disseminated through the media.

Thursday, July 29

(10:30 - 12:00 pm) Science and the Media

Elmer Huerta, MD, MPH

(3:00 – 4:00 pm) Annual Advances in Cancer Prevention Lecture

Convergence of Molecular Targets for Cancer Prevention and Therapy

Waun Ki Hong, MD

Presented at Lister Hill Auditorium, NIH Main Campus, Building 38A

Module 10: The Future of Cancer Prevention

July 30

Educational Objective: To discuss what has been learned throughout the course and the future of cancer prevention and control.

Friday, July 30

(8:30 – 10:00 am) The Future of Cancer Prevention

Stephen Hursting, PhD, MPH Shine Chang, PhD

Faculty

- **Baker, Stuart G., Sc.D.** *Module 4: Biometric Methodology*
 - Mathematical Statistician, Biometry Research Group, Division of Cancer Prevention, National Cancer Institute, Executive Plaza North, Room 3118, MSC 7354, 6130 Executive Boulevard, Bethesda, MD 20892-7354; 301-496-7708; sb16i@nih.gov
- **Ballard-Barbash, Rachel, M.D., M.P.H.** *Module 6: Behavioral Science and Community Interventions*Associate Director, Applied Research Program, Division of Cancer Control and Population Sciences, National Cancer Institute, Executive Plaza North, Room 4005, MSC 7344, 6130 Executive Boulevard, Bethesda, MD 20892-7344; 301-402-4366; rb59b@nih.gov
- **Baron, John, M.D., M.S., M.Sc.** *Module 5: Prevention and Control of Organ-Specific Tumors*Professor of Medicine and of Community and Family Medicine, Biostatistics and Epidemiology, Dartmouth Medical School, Evergreen Center, Suite 300, 46 Centura Parkway, Lebanon, NH 03756; 603-650-3456; john.a.baron@dartmouth.edu
- **Beauchamp, Dan, Ph.D.** *Module 2: Ethics, Law and Policy in Cancer Prevention and Control* P.O. Box 751, Bisbee, AZ 85603; 520-432-8073; dbeauchamp@cableone.net
- Blair, Aaron, Ph.D., M.P.H. Module 8: Occupational Cancer
 - Chief, Occupational and Environmental Epidemiology Branch, Division of Cancer Epidemiology and Genetics, National Cancer Institute, Executive Plaza South, Room 8118, MSC 7240, 6130 Executive Boulevard, Bethesda, MD 20892-7240; 301-496-9094; blaira@mail.nci.nih.gov
- **Breslow, Rosalind, Ph.D., M.P.H.** *Module 4: Biometric Methodology*Epidemiologist, Division of Epidemiology and Prevention Research, National Institute on Alcohol Abuse and Alcoholism, NIH, 5631 Fishers Lane, Room 2086, MSC 9304, Bethesda, MD 20892-9304; 301-594—6231; rb138t@nih.gov
- Castle, Philip, Ph.D., M.P.H. Module 5: Prevention and Control of Organ-Specific Tumors
 Investigator, Hormonal and Reproductive Epidemiology Branch, Division of Cancer Epidemiology and
 Genetics, National Cancer Institute, Executive Plaza South, Room 7074, 6120 Executive Boulevard, Bethesda,
 MD 20892-7234; 301-435-3976; castlep@mail.nih.gov
- Chang, Shine, Ph.D. *Module 10: The Future of Cancer Prevention and Control*Associate Director, Cancer Prevention Fellowship Program, Office of Preventive Oncology, Division of Cancer Prevention, National Cancer Institute, Executive Plaza North, Room 3109, MSC 7361, 6130 Executive Boulevard, Bethesda, MD 20892-7361; 301-496-8640; sc363h@nih.gov
- Chen, Moon, Jr., Ph.D., M.P.H. Module 7: Health Disparities and Cancer Prevention in Diverse Populations Professor, Department of Epidemiology and Preventive Medicine, University of California, Davis, School of Medicine, and Associate Director for Cancer Prevention and Control (Population Sciences), University of California, Davis Cancer Center, 4501 X Street, Suite 3010, Sacramento, CA 95817; 916-734-1191; moon.chen@ucdmc.ucdavis.edu
- Clayton, Richard, Ph.D. *Module 6: Behavioral Science and Community Interventions*Director, Center for Prevention Research, Chair, Tobacco Etiology Research Network, University of Kentucky, 2365 Harrodsburg Road, Suite B100, Lexington, KY 40504; 859-257-5588; clayton@uky.edu
- **Corrigall, William A, Ph.D.** *Module 6: Behavioral Science and Community Interventions* Corrigall Associates, 48 Highland Park Boulevard, Thornhill, Ontario, Canada L3T 1B3; 905-881-3687; wcorriga@nida.nih.gov

- **De Marzo, Angelo M., M.D, Ph.D.** *Module 5: Prevention and Control of Organ-Specific Tumors*Associate Professor of Pathology, Urology and Oncology, Director, tissue Microarray Core Facility, The Sidnes Kimmel Comprehensive Cancer Center, Johns Hopkins University, 1650 Orleans Street, CRB, Room 153, Baltimore, MD 21231; 410-614-3252; ademarz@jhmi.edu
- **Demierre, Marie-France, M.D, FRCPC** *Module 5: Prevention and Control of Organ-Specific Tumors* Associate Professor, Skin Oncology Program, Boston University, 720 Harrison Avenue, DOB 801A, Boston, MA 02118; 617-638-7131; demierre@bu.edu
- **Devesa, Susan, Ph.D., M.H.S.** *Module 1: Introduction to the Cancer Problem*Chief, Descriptive Studies Section, Epidemiology and Biostatistics Program, Division of Cancer Epidemiology and Genetics, National Cancer Institute, Executive Plaza South, Room 8048, 6120 Executive Boulevard, Bethesda, MD 20892; 301-496-8104; devesas@exchange.nih.gov

Dixon, Lori Beth, Ph.D., M.P.H. — *Module 3: Diet*

Assistant Professor and Director, Public Health Nutrition, Department of Nutrition and Food Studies and Public Health, New York University, 35 West 4th Street, 10th Floor, New York, NY 10012; 212-998-5584; beth.dixon@nyu.edu

Fagerstrom, Richard, Ph.D. — Module 4: Biometric Methodology

Mathematical Statistician, Biometry Research Group, Division of Cancer Prevention, National Cancer Institute, Executive Plaza North, Room 3131, MSC 7354, 6130 Executive Boulevard, Bethesda, MD 20892-7354; 301-496-7458; rf29s@nih.gov

- **Farrell, Ann, M.D.** *Module 5: Prevention and Control of Organ-Specific Tumors* Clinical Team Leader, Division of Oncology Drug Products, CDER, U.S. Food and Drug Administration, Room 2079, WOC2, 1451 Rockville Pike, Rockville, MD 20852; 301-594-5741; farrella@cder.fda.gov
- Forman, Michele, Ph.D. Module 3: Diet

Principal Investigator, Basic Research Laboratory, Centers for Cancer Research, National Cancer Institute, 6116 Executive Boulevard, Suite 7047, Bethesda, MD 20892; 301-594-2938; mforman@mail.nih.gov

Graubard, Barry, Ph.D. — Module 4: Biometric Methodology

Mathematical Statistician, Biostatistics Branch, Epidemiology and Biostatistics Program, Division of Cancer Epidemiology and Genetics, National Cancer Institute, Executive Plaza South, Room 8024, MSC 7244, 6120 Executive Boulevard, Bethesda, MD 20892-7244; 301-496-7455; bg1p@nih.gov

Green, Sylvan, M.D. — *Module 4: Biometric Methodology*

Professor, Public Health, Director of Biometry, Linda McCartney Breast Cancer Chair in Biometry, Arizona Cancer Center, 1515 N. Campbell Avenue, P.O. Box 245024, Tucson, AZ 85724-5024; 520-626-2456; sgreen@azcc.arizona.edu

- Greene, Mark H., M.D. *Module 5: Prevention and Control of Organ-Specific Tumors*Chief, Clinical Genetics Branch, Division of Cancer Epidemiology and Genetics, National Cancer Institute,
 Executive Plaza South, Room 7022, 6120 Executive Boulevard, Bethesda, MD 20892; 301-594-7641;
 greenem@mail.nih.gov
- **Greenwald, Peter, M.D., Dr.P.H.** *Module 5: Prevention and Control of Organ-Specific Tumors*Director, Division of Cancer Prevention, National Cancer Institute, Executive Plaza North, Room 2040, MSC 7309, 6130 Executive Boulevard, Bethesda, MD 20892-7309; 301-496-6616; greenwap@mail.nih.gov
- **Helzlsouer, Kathy, M.D., M.H.S.** *Module 5: Prevention and Control of Organ-Specific Tumors*Professor of Epidemiology, Department of Epidemiology, Johns Hopkins University, 615 North Wolfe Street, Room E6132, Baltimore, MD 21205; 410-955-9727; khelzlso@jhsph.edu

- Hong, Waun Ki, M.D. Annual Advances in Cancer Prevention Lecture
 - American Cancer Society Professor and Chair, Department of Thoracic/Head and Neck Medical Oncology, The University o Texas M.D. Anderson Cancer Center, 1515 Holcombe Boulevard, Houston, TX 77030; 713-792-7770; whong@mdanderson.org
- Hord, Norman, Ph.D., M.P.H., R.D. Module 3: Diet
 - Assistant Professor, Department of Food Science and Human Nutrition, Michigan State University, 208C Trout Food Science and Human Nutrition Building, East Lansing, MI 48824; 517-355-7713 x186; hord@msu.edu
- **Howell, Fenton, M.P.H., FFPHMI, FRCPI** *Module 6: Behavioral Science and Community Interventions* Director of Public Health, North Eastern Health Board, Kells, County Meath, Republic of Ireland; 011 353 46 9080557; fentonhowel@eircom.net; fenton.howell@nehb.ie
- **Huerta, Elmer, M.D., M.P.H.** *Module 9: Cancer Prevention Outside the NCI*Director, Cancer Preventorium, Washington Cancer Institute at Washington Hospital Center, 110 Irving Street, NW, Room C1179, Washington, DC 20010-2975; 202-877-8205; elmer.e.huerta@medstar.net
- **Hursting, Stephen, Ph.D., M.P.H.** Module 1: Introduction to the Cancer Problem; Module 10: The Future of Cancer Prevention
 - Deputy Director, Cancer Prevention Fellowship Program, Office of Preventive Oncology, Division of Cancer Prevention, National Cancer Institute, Executive Plaza North, Room 3109, MSC 7361, 6130 Executive Boulevard, Bethesda, MD 20892-7361; 301-402-7001; sh63v@nih.gov
- **Kerner, Jon, Ph.D.** *Module 7: Health Disparities and Cancer Prevention in Diverse Populations*Deputy Director, Division of Cancer Control and Population Sciences, National Cancer Institute, Executive Plaza North, Room 6144, MSC 7339, 6130 Executive Boulevard, Bethesda, MD 20892- 7339; 301-594-7299; kernerj@mail.nih.gov
- **Leischow, Scott, Ph.D.** *Module 6: Behavioral Science and Community Interventions*Acting Associate Director, Behavioral Research Program, Division of Cancer Control and Population Sciences, National Cancer Institute, Executive Plaza North, Room 4060, MSC 7337, 6130 Executive Boulevard, Bethesda, MD 20892-7337; 301-435-6816; leischos@mail.nih.gov
- **Liebert, Monica, Ph.D.** *Module 5: Prevention and Control of Organ-Specific Tumors*Director, Office of Research, American Urological Association, 1120 North Charles Street, Baltimore, MD 21201-5559; 410-689-3711; mliebert@auanet.org
- **Linet, Martha, M.D., M.P.H.** *Module 5: Prevention and Control of Organ-Specific Tumors*Acting Chief, Radiation Epidemiology Branch, Division of Cancer Epidemiology and Genetics, National Cancer Institute, Executive Plaza South, Room 7054, 6120 Executive Boulevard, Bethesda, MD 20892; 301-496-6600; linetm@mail.nih.gov
- **Lowrey, Kerri McGowan, J.D., M.P.H.** *Module 2: Ethics, Law and Policy in Cancer Prevention and Control* Health Policy Specialist and Associate Legal Counsel, NOVA Research Company, 4600 East West Highway, Bethesda, MD 20814; 301-986-1891; klowrey@novaresearch.com
- Schatzkin, Arthur, M.D., Dr.P.H. Module 3: Diet
 - Chief, Nutritional Epidemiology Branch, Division of Cancer Epidemiology and Genetics, National Cancer Institute, Executive Plaza South, Room 3040, 6120 Executive Boulevard, Bethesda, MD 20892; 301-594-2931; schatzka@mail.nih.gov
- **Szabo, Eva, M.D.** Module 5: Prevention and Control of Organ-Specific Tumors

- Chief, Lung and Upper Aerodigestive Cancer Research Group, Division of Cancer Prevention, National Cancer Institute, Executive Plaza North, Room 2103, MSC 7341, 6130 Executive Boulevard, Bethesda, MD 20892-7341; 301-435-1595; es99v@nih.gov
- **Taplin, Stephen, M.D.** *Module 5: Prevention and Control of Organ-Specific Tumors*Senior Scientist, Applied Research Program, Division of Cancer Control and Population Sciences, National Cancer Institute, Executive Plaza North, Room 4005, MSC 7344, 6130 Executive Boulevard, Bethesda, MD 20892-7344; 301-496-8500; taplins@mail.nih.gov
- **Taylor, Philip M.D., Sc.D.** *Module 5: Prevention and Control of Organ-Specific Tumors*Chief, Cancer Prevention Studies Branch, Centers for Cancer Research, National Cancer Institute, 6116

 Executive Boulevard, Suite 705, Bethesda, MD 20892-8314; 301-594-2932; ptaylor@mail.nih.gov
- **Thompson, Henry, Ph.D.** *Module 3: Diet*

Director, Cancer Prevention Laboratory, Colorado State University, 111 Shepardson, Ft. Collins, CO 80523-1173; 970-491-7748; henry.thompson@colostate.edu

- **Trock, Bruce, Ph.D., M.P.H.** *Module 1: Introduction to the Cancer Problem*Associate Professor of Urology, Associate Professor of Epidemiology, Associate Professor of Oncology, Department of Urology and Epidemiology, Johns Hopkins Medical Institution, 600 North Wolfe Street, Jefferson Street Building, Room 149, Baltimore, MD 21287-8915; 410-502-2773; btrock@jhmi.edu
- **Richard Troiano, Ph.D.** *Module 6: Behavioral Science and Community Interventions*Epidemiologist, Risk Factor Monitoring and Methods Branch, Applied Research Program, Division of Cancer Control and Population Sciences, National Cancer Institute, Executive Plaza North, Room 4005, MSC 7344, 6130 Executive Boulevard, Bethesda, MD 20892-7344; 301-435-6822; troianor@mail.nih.gov
- **Underwood, Sandra Millon, Ph.D., R.N., FAAN** Module 7: Health Disparities and Cancer Prevention in Diverse Populations

Professor, University of Wisconsin at Milwaukee, School of Nursing, P.O. Box 413, Milwaukee, WI 53201; 414-229-6076; underwoo@uwm.edu

- Viner, Jaye, M.D., M.P.H.— *Module 5: Prevention and Control of Organ-Specific Tumors*Program Director, Gastroenterology and Other Cancers Research Group, Division of Cancer Prevention,
 National Cancer Institute, Executive Plaza North, Room 2141, MSC 7317, 6130 Executive Boulevard,
 Bethesda, MD 20892-7317; 301-594-2925; vinerj@mail.nih.gov
- **Weed, Douglas, M.D, M.P.H., Ph.D.** Module 1: Introduction to the Cancer Problem; Module 5: Prevention and Control of Organ-Specific Tumors

Director, Cancer Prevention Fellowship Program, Office of Preventive Oncology, Division of Cancer Prevention, National Cancer Institute, Executive Plaza North, Suite 3109, MSC 7361, 6130 Executive Boulevard, Bethesda, MD 20892-7361; 301-496-8640; dw102i@nih.gov

Weindruch, Richard, Ph.D.—Module 3: Diet

Professor of Medicine, University of Wisconsin, VA Hospital (GRECC-4D), 2500 Overlook Terrace, Madison, WI 53705-2286; 608-256-1901 x 11642; rhweindr@wisc.edu