NATIONAL CANCER INSTITUTE

DIVISION OF CANCER PREVENTION

Cancer Prevention Fellowship Program

2016 Summer Curriculum in Cancer Prevention

PRINCIPLES AND PRACTICE OF CANCER PREVENTION AND CONTROL COURSE

JULY 6 - 29, 2016

SYLLABUS

Principles and Practice of Cancer Prevention and Control Course

DRAFT

(June 23, 2016)

Date: July 6 – July 29, 2016

Time: Course begins daily at 9:30 am
*(*Small Group Discussions on July 20 & 27 begin at 9:00 am)*

Location: 6001 Executive Boulevard
Rooms C & D
Rockville, MD 20852
Check-in/Security Desk – (301) 435-1470

Course Director: Lisa B. Signorello, ScD, ScM

Course Coordinators: Aili Ellen Evert
Emilia Kaslow-Zieve

Course presented by: Cancer Prevention Fellowship Program

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Wednesday, July 6

9:30 am - 10:00 am	Welcoming Remarks	David E. Nelson, MD, MPH
10:00 am - 11:15 am	The Science of Cancer Prevention	Barry Kramer, MD, MPH
11:15 am - 11:30 am	*Break*	
11:30 am - 12:30 pm	Basics of Carcinogenesis - Targets for Prevention	Mark Miller, PhD
12:30 pm - 1:45 pm	*Lunch*	
1:45 pm - 2:45 pm	Cancer Prevention from a Behavioral Science Perspective	William Klein, PhD
2:45 pm - 3:00 pm	*Break*	
3:00 pm - 3:45 pm	NCI's Role in Cancer Control	Robert Croyle, PhD
4:00 pm	International Participants' Orientation	NCI Center for Global Health

Thursday, July 7

9:30 am - 10:45 am	Introduction to Epidemiology and Descriptive Statistics	Lisa B. Signorello, ScD, ScM
10:45 am - 11:15 am	*Break*	
11:15 am - 12:30 pm	Observational and Experimental Study Design	Elizabeth D. Kantor, PhD, MPH
12:30 pm - 1:30 pm	*Lunch*	
1:30 pm - 2:45 pm	Analysis and Bias in Epidemiologic Studies	Ronald Eldridge, PhD, MPH
2:45 pm - 3:00 pm	*Break*	
3:00 pm - 4:15 pm	Optional Global Health Lecture: Cancer Drug and Clinical Trial Development in Low- and Middle-Income Countries	Jack Welch, MD, PhD

Friday, July 8

9:30 am - 10:45 am	Questionnaire Design in Cancer Control and Prevention	Gordon Willis, PhD
10:45 am - 11:15 am	*Break*	
11:15 am - 12:30 pm	Interpreting Scientific Evidence for Cancer Prevention	Douglas Weed, MD, PhD, MPH
12:30 pm - 1:30 pm	*Lunch*	
1:30 pm - 2:45 pm	Social Determinants of Health in Cancer Control	Shobha Srinivasan, PhD
2:45 pm - 3:00 pm	*Break*	
3:00 pm - 3:30 pm	Small Group Introduction	Lisa B. Signorello, ScD, ScM

Monday, July 11

9:30 am - 10:45 am	Cancer Surveillance	Kathleen Cronin, PhD, MPH
10:45 am - 11:15 am	*Break*	
11:15 am - 12:30 pm	Cancer Control Planning in the United States	Norma Kanarek, PhD, MPH
12:30 pm - 1:30 pm	*Lunch*	
1:30 pm - 2:45 pm	Cancer Risk Modeling	Mitchell Gail, MD, PhD
3:00 pm	Group Photos	

Tuesday, July 12

9:30 am - 10:45 am	Head and Neck Cancer	Anil Chaturvedi, PhD, MPH
10:45 am - 11:15 am	*Break*	
11:15 am - 12:30 pm	Tobacco Prevention & Cessation	Erik Augustson, PhD, MPH
12:30 pm - 1:30 pm	*Lunch*	
1:30 pm - 2:45 pm	Global Tobacco Control	Mark Parascandola, PhD, MPH
2:45 pm - 3:00 pm	*Break*	
3:00 pm - 4:15 pm	Navigating the NIH Grants Process	Damali Martin, PhD, MPH

Wednesday, July 13

9:30 am - 10:45 am	Role of NCI in Global Cancer Prevention	Edward Trimble, MD, MPH
10:45 am - 11:15 am	*Break*	
11:15 am - 12:30 pm	International Cancer Research Networks	Tom Gross, MD, PhD
12:30 pm - 1:30 pm	Lunch	
1:30 pm - 4:00 pm	**International Day Presentations**	

Thursday, July 14

9:30 am - 10:45 am	Cancer Control Planning in a Low-Resource Setting	Cynthia Vinson, PhD, MPA
10:45 am - 11:15 am	*Break*	
11:15 am - 12:30 pm	Interpreting Screening Data	Jennifer Rider, ScD, MPH
12:30 pm - 1:30 pm	*Lunch*	
1:30 pm - 2:45 pm	Breast Cancer	Barbara Dunn, MD, PhD

Friday, July 15

9:30 am - 10:45 am	Physical Activity and Cancer Prevention	Charles Matthews, PhD
10:45 am - 11:15 am	*Break*	
11:15 am - 12:30 pm	Lung Cancer	Eva Szabo, MD
12:30 pm - 1:00 pm	*Lunch*	
2:00 pm	Smithsonian Museum of American Art (Optional Social Activity)	

Monday, July 18

9:30 am - 10:45 am	Prostate Cancer	Howard Parnes, MD
10:45 am - 11:15 am	*Break*	
11:15 am - 12:30 pm	Colon Cancer	Adeyinka Laiyemo, MD, MPH
12:30 pm - 1:30 pm	*Lunch*	
1:30 pm - 2:45 pm	Diet and Dietary Patterns and Cancer	Jill Reedy, PhD, MPH, RD
2:45 pm - 3:00 pm	*Break*	
3:00 pm - 4:15 pm	Obesity and Cancer	Yikyung Park, ScD

Tuesday, July 19

9:30 am - 10:45 am	Gastric and Esophageal Cancer	Maria Constanza Camargo, PhD
10:45 am - 11:15 am	*Break*	
11:15 am - 12:30 pm	Liver Cancer	John D. Groopman, PhD
12:30 pm - 1:30 pm	*Lunch*	
1:30 pm - 2:45 pm	Cancers Caused by HPV, and the HPV Vaccine	Aimée Kreimer, PhD
2:45 pm - 3:00 pm	*Break*	
3:00 pm - 4:15 pm	The Art & Science of Presentations: How to Effectively Communicate with Health Decision Makers and Influencers	Kellie Mullen, PhD

Wednesday, July 20

9:00 am - 10:45 am	Small Group Discussion	
10:45 am - 11:15 am	*Break*	
11:15 am - 12:30 pm	Translating Evidence into Diet and Physical Activity Guidelines	Susan Krebs-Smith, PhD, MPH Richard Troiano, PhD
12:30 pm - 1:30 pm	*Lunch*	
1:30 pm - 2:45 pm	Environmental Pollutants and Cancer	Mary H. Ward, PhD

Thursday, July 21 – *Please note that all lectures this day are held on the NIH Main Campus in Masur Auditorium, Building 10/Clinical Center (Bethesda, MD)*

9:30 am - 10:45 am	Policies Related to Nutrition and Obesity	Robin McKinnon, PhD, MPA
10:45 am - 11:15 am	*Break*	
11:15 am - 12:30 pm	Melanoma	Alan Geller, MPH, RN
12:30 pm - 1:30 pm	*Lunch*	
1:30 pm - 2:30 pm	**Annual Advances in Cancer Prevention Lecture: "Polyvalent Vaccines Targeting Oncogenic Driver Pathways"**	**Mary L. (Nora) Disis, MD**
3:00 pm - 4:00 pm	NIH Clinical Center Tours (Optional Activity)	

Friday, July 22

9:30 am - 10:45 am	Alcohol and Cancer: The Forgotten Risk Factor	David E. Nelson, MD, MPH
10:45 am - 11:15 am	*Break*	
11:15 am - 12:30 pm	Aspirin, NSAIDs and Cancer Prevention	Asad Umar, DVM, PhD
12:30 pm - 1:30 pm	*Lunch*	
1:30 pm - 2:45 pm	Metformin and Other Commonly-used Drugs as Potential Chemopreventive Agents	Brandy Heckman-Stoddard, PhD,MPH

Monday, July 25

9:30 am - 10:45 am	Clinical Cancer Prevention	Ernest Hawk, MD, MPH
10:45 am - 11:15 am	*Break*	
11:15 am - 12:30 pm	Health Literacy	Connie Lea Arnold, PhD
12:30 pm - 1:30 pm	*Lunch*	
1:30 pm - 2:45 pm	Dissemination and Implementation Research in Health	Gila Neta, PhD, MPP

Tuesday, July 26

9:30 am - 10:45 am	Occupational Cancer	Stella Koutros, PhD
10:45 am - 11:15 am	*Break*	
11:15 am - 12:30 pm	Radiation and Cancer	John D. Boice, Jr., ScD
12:30 pm - 1:30 pm	*Lunch*	
1:30 pm - 2:45 pm	The Challenge of Cancer Avoidance and Successful Aging in a U-shaped World	David Waters, DVM, PhD

Wednesday, July 27

9:00 am - 10:45 am	Small Group Discussion	
10:45 am - 11:15 am	*Break*	
11:15 am - 12:30 pm	Cancer Survivorship: The Emerging Challenge of Cancer Prevention and Control Science	Julia Rowland, PhD
12:30 pm - 1:30 pm	*Lunch*	
1:30 pm - 2:45 pm	Palliative Care/Pain Management	Joe Harford, PhD

Thursday, July 28

9:30 am - 10:45 am	Harnessing the Power of an Intelligent Health Environment in Cancer Conrol and Prevention	Bradford W. Hesse, PhD
10:45 am - 11:15 am	*Break*	
11:15 am - 12:30 pm	Translating Science to Inspire Action: Writing Policy Briefs	Kristen Mangold, MSW
12:30 pm - 1:30 pm	*Lunch*	
1:30 pm - 2:45 pm	Community-based Cancer Prevention	Marge Good, RN, MPH, OCN

Friday, July 29

9:30 am - 10:45 am	Modern Approaches to Cancer Screening	Otis W. Brawley, MD, FACP
10:45 am - 11:15 am	*Break*	
11:15 am - 12:30 pm	Cancer Prevention in the 21st Century: The Cancer Preventorium Idea	Elmer Huerta, MD, MPH
12:30 pm	Closing Remarks	Lisa B. Signorello, ScD, ScM