


Trans-NIH Conference
Genes, Behaviors, and Response to Weight Loss Interventions



May 8–9, 2014, Bethesda, MD

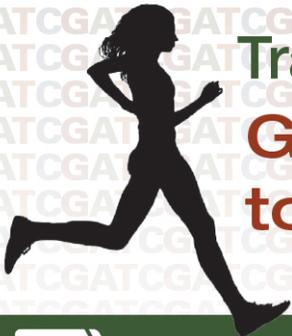


DAY 1	
8:00–8:30 am	Registration
8:30–8:40 am	Welcome and Introduction
	Tanya Agurs-Collins Behavioral Research Program, National Cancer Institute & William Klein Associate Director, Behavioral Research Program, National Cancer Institute
8:40–9:00 am	Weight Loss and Maintenance: Can we predict who responds?
	Deborah Tate University of North Carolina- Chapel Hill
9:00–10:30 am	Obesity Genetics/Weight Loss: Complexity of the Issues
	The genetic epidemiology of obesity—are genes that make you gain weight and lose weight the same? Ruth Loos Mount Sinai Hospital Personalized medicine: Personal omics profiling for healthy, overeating and disease states Mike Snyder Stanford School of Medicine
10:30–10:45 am	Discussion
	Moderator: Molly Bray The University of Texas at Austin
10:45–11:00 am	Break


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DAY 1 (continued)	
3:15–3:30 pm	Discussion
	Moderator: Tanya Agurs-Collins National Cancer Institute, NIH
3:30–3:45 pm	Break
3:45–5:15 pm	Functional Approaches to Gene Discovery and Obesity
	<p>The human microbiome in health and disease George Weinstock Washington University/ Jackson Laboratory for Genomic Medicine</p> <p>Epigenetics changes associated with exercise and diet: implications for energy balance Charlotte Ling Lunds University</p> <p>Genes and mechanisms modulating weight loss and diabetes remission after bariatric surgery George Argyropoulos Geisinger Health System & Weis Center for Research</p>
5:15–5:30 pm	Discussion
	Moderator: Cashell Jaquish National Heart, Lung, and Blood Institute, NIH
5:30 pm	Adjourn


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DAY 2	
8:30–8:45 am	Welcome and Recap
	Tanya Agurs-Collins National Cancer Institute, NIH
8:45–10:15 am	Implications for Tailoring Gene-Based Interventions for Successful Weight Loss / Maintenance / Adherence
	<p>Using genomics to improve the effectiveness of dietary interventions Colleen McBride National Human Genome Research Institute, NIH</p> <p>Can genetic testing motivate behavior change and weight loss?: Results of a randomized trial Jason Vassy VA Boston Healthcare System and Brigham and Women's Hospital</p> <p>Methods for pooling across weight loss intervention trials Deborah Tate University of North Carolina- Chapel Hill</p>
10:15–11:00 am	Discussion
	Moderator: Erica Spotts Office of Behavioral and Social Science Research, NIH
11:00–11:15 am	Break
11:15–1:00 pm	Determine Gaps and Priorities for Future Research
	<p>Existing intervention studies New intervention studies Moderator: Philip Smith National Institute of Diabetes and Digestive and Kidney Diseases, NIH</p>
1:00 pm	Adjourn

A Trans-NIH Conference sponsored by the National Cancer Institute, National Heart, Lung, and Blood Institute, Office of Behavioral and Social Science Research, and the National Institute of Diabetes and Digestive and Kidney Diseases.