Please note that this listing of federal grants includes ONLY grants made to Fred Hutchinson Cancer Research Center ("Fred Hutch") my employer.

I am not representing Fred Hutch in the presentation of my testimony to the Subcommittee but in the interest of full disclosure, I am disclosing them here. I receive no federal grants or contracts in my individual capacity.

MCTIERNAN, ANNE

ACTIVE

R21 CA209203 (McTiernan) 03/15/2017 – 02/28/2020 2.04 CM
NIH $130,500
Exercise Effects in Men & Women on Colon DNA Methylation
This project will investigate the effects of physical activity on colon DNA methylation in genes related to colon cancer. Excessive DNA methylation is thought to be a risk factor for colon cancer, and no previous study has tested the effect of exercise on DNA methylation in the colon. The project includes 202 initially sedentary men and women who have already completed the trial from which colon samples will be used.
Role: Principal Investigator

R21 CA209203-02S1(McTiernan) 3/1/2018 – 2/28/2020 2.04 CM
NIH $100,000
Administrative Supplement to Exercise Effects in Men & Women on Colon DNA Methylation
This project will investigate whether vitamin D supplementation modifies the effect of physical activity on risk factors for colorectal cancer including gene expression and activity, proliferation, and cell death. We will investigate these effects in colorectal tissue samples from initially sedentary men and women who have completed a 12-month exercise trial.
Role: Principal Investigator

R21 CA215662-01A1 (Pennington) 9/5/2018 – 8/31/2020 0.6 CM
NIH $210,704
The effects of moderate-to-vigorous exercise on biomarkers of angiogenesis, invasion, and chronic stress in ovarian cancer survivors
This project will test the effects of the moderate-to-vigorous exercise intervention versus controls on levels of nocturnal cortisol, a marker of chronic stress. It will test the effects of the moderate-to-vigorous exercise intervention versus controls on levels of circulating biomarkers of angiogenesis (VEGF, IL-6) and invasion (MMP-2, MMP-9), and test the effects of the moderate-to-vigorous exercise intervention versus controls on distress levels and QOL, assessed by patient-reported outcomes. To determine if improvement in distress or QOL correlates with changes in biomarkers or aerobic fitness. Role: Co-Investigator

R01 NR017951-01A1 (Harris) 2/11/2019 – 12/31/2022 0.36 CM
NINR/NIH $360,778
An AHEI Dietary Intervention to Reduce Pain in Women with Endometriosis.
Endometriosis affects approximately 10% of reproductive age women and incurs significant health care costs and morbidity. This randomized controlled trial will investigate a 12-week dietary intervention based on the Alternative Healthy Eating Index-2010, examining its effects on pain, quality of life, and inflammatory biomarkers among women with laparoscopically-confirmed endometriosis. The study results will help us identify evidence-based, modifiable, dietary factors that decrease pain and improve quality of life among women with endometriosis.
Role: Co-Investigator