

Distinguished Speaker Series

Presented by the:

Department of Epidemiology & Public Health
&
Department of Kinesiology & Sport Sciences

Exercise Therapy for Treatment of Cardiovascular Injury and Tumor Progression Following a Cancer Diagnosis

Dr. Lee W. Jones has published numerous scientific articles and book chapters on the application of exercise on oncologic and cardiovascular outcomes among cancer patients. His research program is supported by the National Institutes of Health, American Cancer Society, and U.S. Department of Defense Breast Cancer Research Program. He is also a member of the International Editorial Board for Lancet Oncology.

In this presentation, Dr. Jones will provide a comprehensive overview of his research program focusing on the cardiovascular and functional impact of cancer therapy, as well as the efficacy of structured exercise training to prevent and/or treat dysfunction. In Addition, he will discuss the evidence supporting the association between exercise behavior and prognosis following a cancer diagnosis.

A major focus of the presentation will be on the role of exercise to alter the host-tumor interaction. Specifically, he will discuss the potential biologic and molecular mechanisms underlying the effects of exercise on prognosis drawing on evidence from clinical and preclinical studies. The talk will conclude with future directions of the field as well as an overview of ongoing trials in this rapidly emerging field of research.

For more information, contact Jane Brooks at
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2012**

Noon to 1:00 p.m.

Clinical Research Building
Gordon Auditorium, 1st Floor
1120 N.W. 14th Street

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