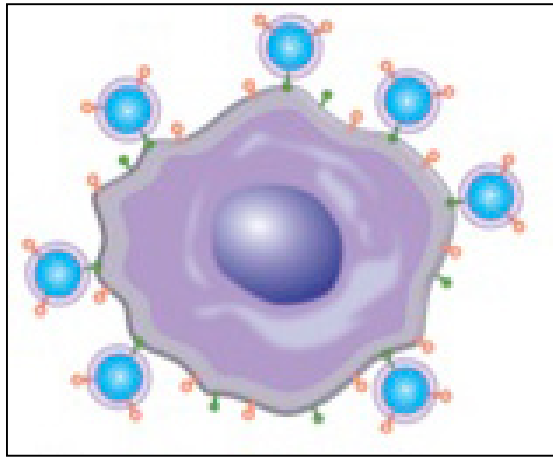


Center for Engineering in Cancer



Co-directors

Stephen Howell, M.D.
Distinguished Professor of Medicine

Liangfang Zhang, Ph.D.
Associate Professor of Nano-Engineering

The CEC will work closely with the Moores Cancer Center to bring together researchers across different disciplines, including engineering, cancer biology, stem cell biology, basic medical science and clinical medicine to foster new collaborations focusing on the integration of engineering principles and technology with cancer medicine. The Center will develop and apply novel approaches in biomedical imaging, genetic and epigenetic engineering, molecular, cellular and tissue engineering, advanced biomaterials and nanobiotechnology, systems biology and medicine, and medical devices to advance prevention, early detection, diagnosis, and treatment of cancer.

The CEC will emphasize translational research involving collaboration with clinical colleagues and industry and will create a conduit for graduate students to be trained in multiple laboratories, broadening the areas of their expertise.



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