Lung cancer is the leading cause of cancer-related death in the United States and worldwide. Early detection of lung cancer can help improve patient outcomes, and survival prediction can inform plans of treatment. By extracting quantitative features from CT scans of lung cancer, predictive models can be built that can achieve both early detection and survival prediction. To build these predictive models, first the nodule is segmented, then image features are extracted, and finally a model can be built utilizing image features to make predictions. These predictions can help radiologists improve cancer care.

February 27th, 2017
1-2 PM
ENB 313

The Public is invited

Examiners' Committee
Lawrence Hall, Ph.D., Co-Major Professor
Dmitry Goldgof, Ph.D., Co-Major Professor
Rangachar Kasturi, Ph.D.
Ashwin Parthasarathy, Ph.D.
Robert Gillies, Ph.D.

Miguel Labrador, Ph.D.
Graduate Program Director
Computer Science and Engineering

Sudeep Sarkar, Ph.D.
Department Chair
Computer Science and Engineering
College of Engineering

Disability Accommodations:
If you require a reasonable accommodation to participate, please contact the Office of Diversity & Equal Opportunity at 813-974-4373 at least five (5) working days prior to the event.