

Pilot 1: Cross Laboratory Team



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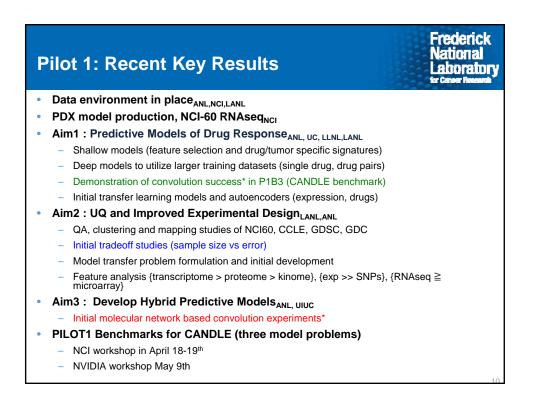
P1 Hackathon 2

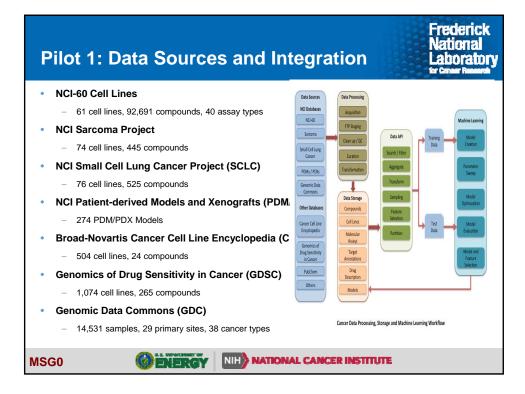


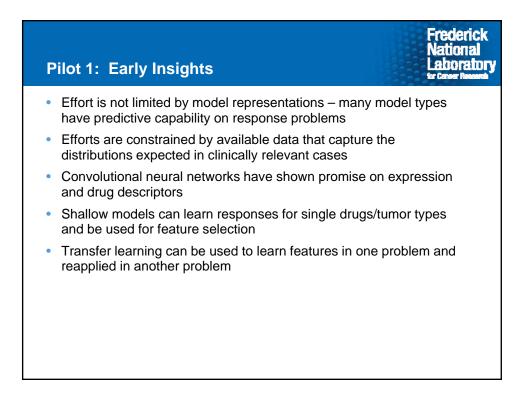
CANDLE Hackathon 1

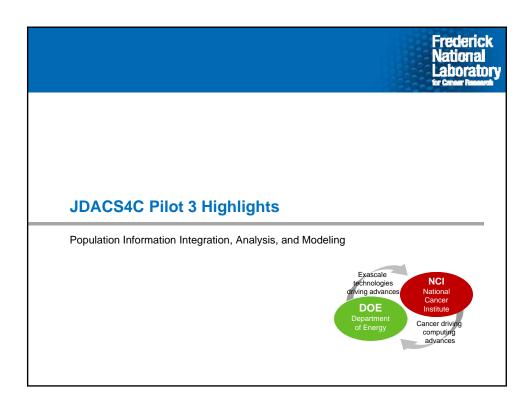


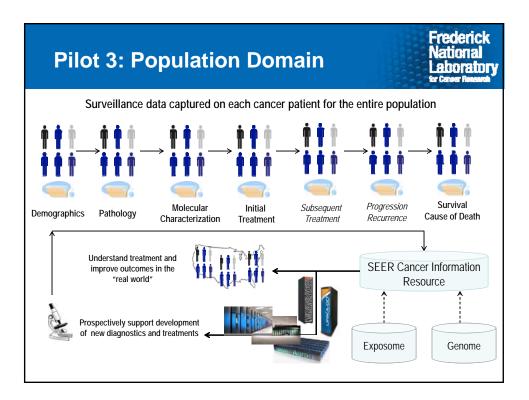
P1 Hackathon 3

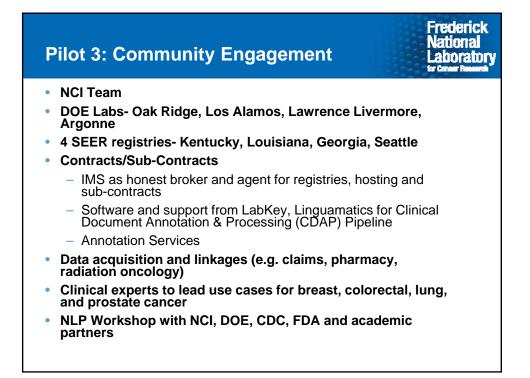


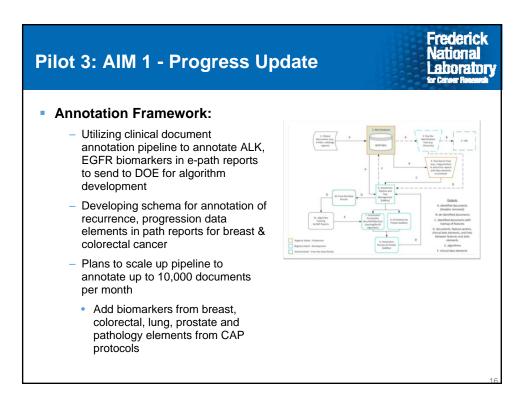




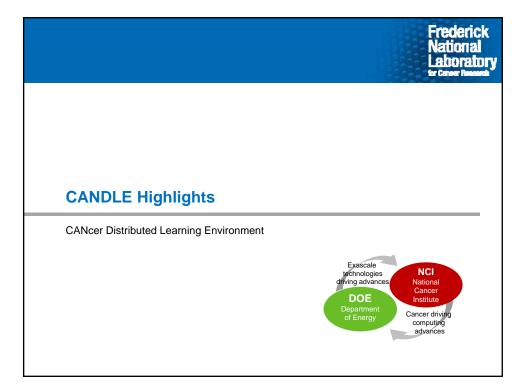


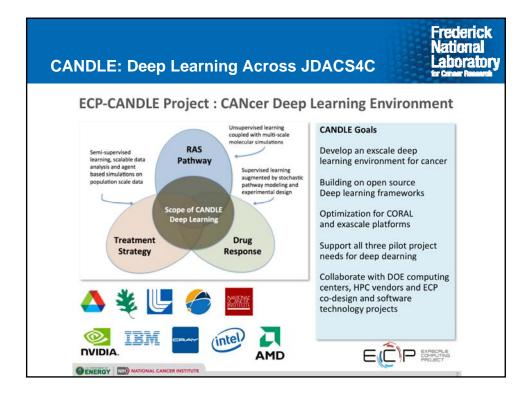


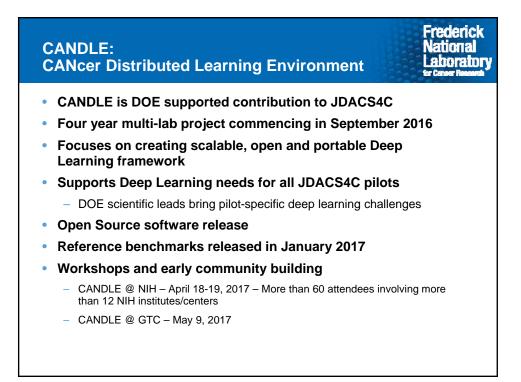


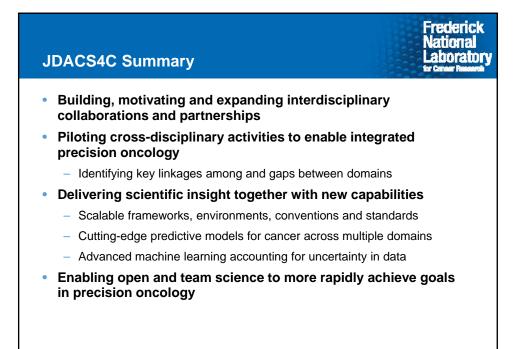


Frederick National Pilot 3: AIM 1 - Progress Update Laboratory Text Comprehension: ML Stack Random Naive Forest Bayes Developed and benchmarked rule-N-grams RAKE POS NER based, conventional ML-based, and DL-based NLP tools for e-paths for three information extraction tasks: (i) primary cancer site, (ii) histological grade, (iii) TF-IDF //osces SRL SRW SVM behavior DNN ONN Out • DL tools: CNN, HAN, MT-DNN DL interpretability Cross-registry robustness validation Established reproducible experimental . design pipeline for future studies with new data and different tasks ious Cell Ce ind Se tight Upper Lake, Earte Biopoga 1 Throat, No Paldonce of Ballonae ved in CytoLite solution labeled i **Text Synthesis:** n Branchus, Gare Blazow Referentalis di Manastini instem bronchus bioosv are four drical portions of white, soft lissu Generative models for e-path text ing 0.2 x 0.1cm. NUTLICITY IN synthesis under development t in <u>Sylatite</u> calut white to pink, sof Character and word-based LSTM-RNNs e-path text synthesis under development Initial validation in progress









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