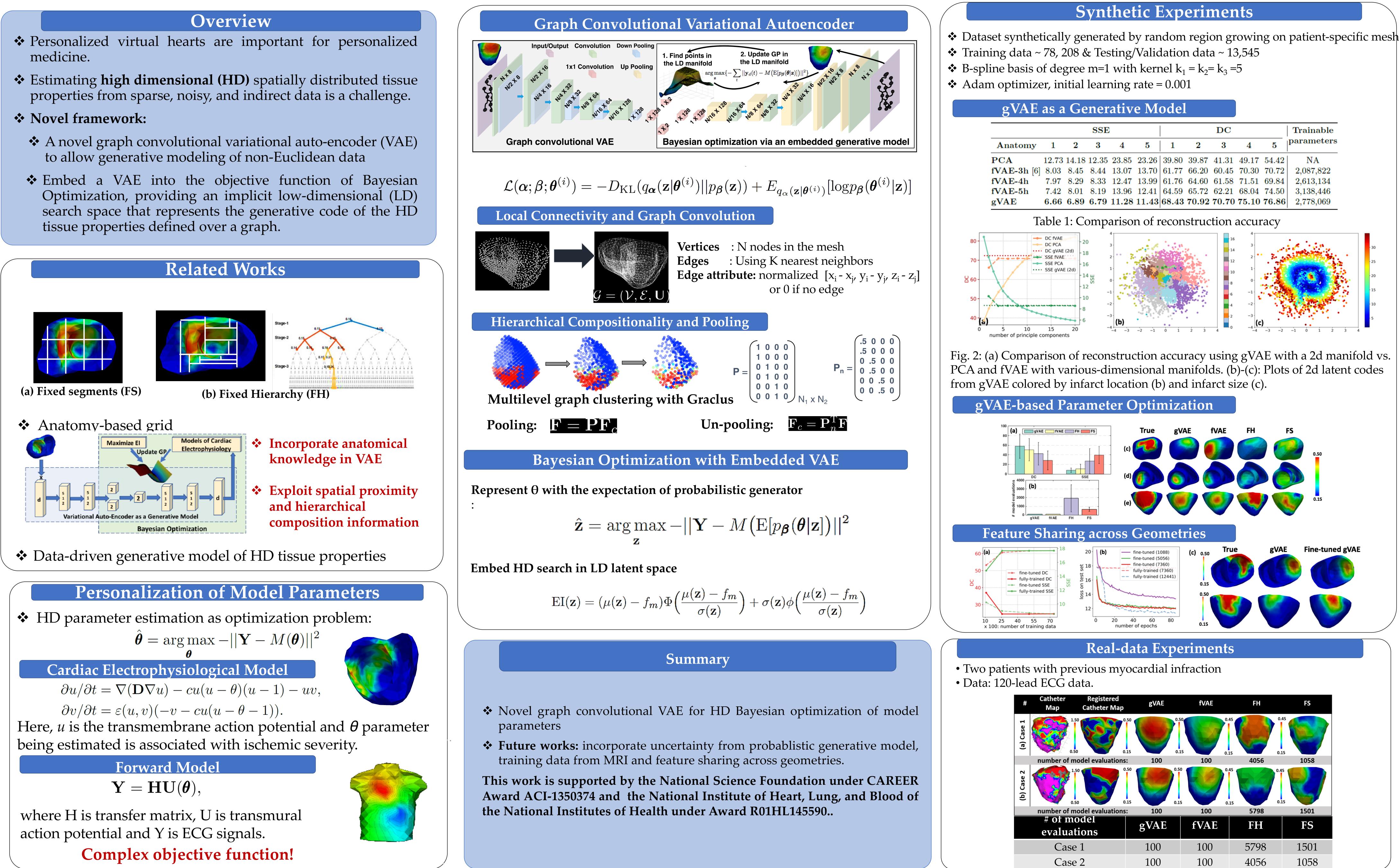


Computational **Biomedicine**

Bayesian Optimization on Large Graphs via a Graph Convolutional Generative Model: Application in Cardiac Model Personalization



Jwala Dhamala¹, Sandesh Ghimire¹, John L. Sapp², B. Milan Horacek², and Linwei Wang¹

Rochester Institute of Technology¹, New York, USA Dalhousie University², Halifax, Canada





		DC				Trainable
5	1	2	3	4	5	parameters
3.26	39.80	39.87	41.31	49.17	54.42	NA
3.70	61.77	66.20	60.45	70.30	70.72	2,087,822
3.99	61.76	64.60	61.58	71.51	69.84	$2,\!613,\!134$
2.41	64.59	65.72	62.21	68.04	74.50	$3,\!138,\!446$
1.43	68.43	70.92	70.70	75.10	76.86	2,778,069