## STATEMENT OF WORK - 04/26/2023

## PROPOSED START DATE 10/01/2023

Site 1: University of Chicago
5801 S. Ellis Ave.
Chicago, IL 60637
PI: Ishanu Chattopadhyay

Site 2: University of Iowa
51 Newton Road
Iowa City, IA 52242
Site PI: Balaji Manicassamy

Specific Aim 1: Formulate the E-distance	Timeline (Months)	Site 1	Site 2
Major Task 1			
Subtask T1.1: Formulate the Emergenet inference with UQ	1-3		
Subtask T1.2: Estimate sample complexity of the inference algorithm	2-4		
Subtask T1.3: Map mutations to physical time	3-6		
Milestones Achieved: Emergenet software beta release, uncertainty and sample complexity quantified,			
Major Task 2			
Subtask 1			
Subtask 2			
Subtask 3			
Milestones Achieved			

Specific Aim 2	Timeline (Months)	Site 1	Site 2
Major Task 1			
Subtask 1			
Subtask 2			
Subtask 3			
Milestones Achieved			
Major Task 2			
Subtask 1			
Subtask 2			
Subtask 3			
Milestones Achieved			

Specific Aim 3	Timeline (Months)	Site 1	Site 2
Major Task 1			
Subtask 1			
Subtask 2			
Subtask 3			
Milestones Achieved			
Major Task 2			
Subtask 1			
Subtask 2			
Subtask 3			
Milestones Achieved			