**Application for Credentialed Access**

**Personal Details**

First Name: Josha

Last Name: Thomas

Suffix, if applicable: Leaving this blank

Researcher category: Graduate Student

Organization name: Harvard School of Public Health

Job title or position: Student

City: Cambridge

State/Province (Required for Canada/U.S.): Massachusetts

ZIP/postal code: 02134

Country: United States

Webpage: I could put my linkedin here if we want to, though this is not a required field.

**Reference**

Reference category: Supervisor

Reference name: Francesca Dominici

Reference email : fdominic@hsph.harvard.edu

Reference organization: Harvard School of Public Health

Reference job title or description: Clarence James Gamble Professor of Biostatistics, Population, and Data Science

**Research Area**

Research Topic: Our lab is developing and testing a pipeline for training large language models (LLMs) to predict the progression of diseases based on patient history and environmental effects. This dataset allows for experimentation with token-based structures, enabling us to refine the model’s capacity to analyze disease correlations. Testing this process with MIMIC-IV will help validate our approach and facilitate the integration of exposure data to further explore environmental impacts on respiratory diseases.