

## Mathematical modeling and epidemiology of infectious diseases

**Organizer:** Mondal Hasan Zahid, University of Texas at Arlington, mdmondal.zahid@mavs.uta.edu

This proposed mini-symposium includes some recent works on infectious diseases where researchers use deterministic models to study disease dynamics of recent health concerns. Both of vector borne and non-vector borne diseases are going to be discussed in this session. These works explain the insight of disease transmissions and, in some cases, show how the study of population dynamics can contribute to public health.

**Confirmed speakers list:**

1. Mondal Hasan Zahid, University of Texas at Arlington
2. Omomayowa Olawoyin, University of Texas at Arlington
3. Md Rafiul Islam, Texas-Tech University
4. Kamal Jnawali, State University of New York at Oswego

**Special Request:**

Could you please schedule this proposed mini-symposium immediately after the mini-symposium proposed by Dr. Christopher Kribs, University of Texas at Arlington and in the same room. Dr. Kribs has also expressed the same intention this morning while talking to me.