

Centre for Disease Modelling Canada-China Distinguished Lecture Mathematics and COVID-19

Towards Epidemiological Intelligence: Modelling-based analytics combating COVID-19

With



Dr. Xiao-Nong Zhou

Professor, Director
National Institute of Parasitic Diseases
Chinese Center of Disease Control and Prevention

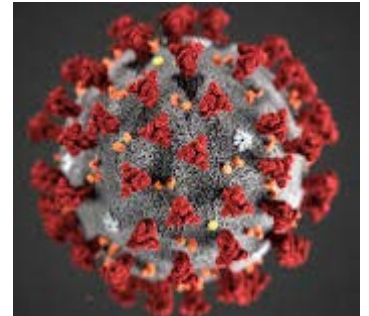
Friday June 12, 2020

8:30 pm – 9:30 pm (Eastern Time)

Webinar: Connect at

<https://yorku.zoom.us/j/98615589444?pwd=S1JYcVA0R291blBoZzBnRkhDdW56dz09>

Also see announcement at cdm.yorku.ca



Abstract: As the COVID-19 pandemic spreads rapidly around the globe, it becomes a challenging task to maintain control of other diseases. Some malaria-infected countries have suspended mass insecticide-treated net (ITN) campaigns, and therefore, which are considered the most important measure for malaria intervention and control across Africa in the last two decades, which may increase human biting rates, and malaria infections. We present a data-driven analytic method to assess ITN impacts because of COVID-19 on potential deteriorations of malaria transmission risk.

Xiao-Nong Zhou is Director of the National Institute of Parasitic Diseases at Chinese Center for Disease Control and Prevention & Chinese Center for Tropical Diseases Research, and WHO Collaborating Centre for Tropical Diseases, based in Shanghai. He has been the Vice Chair of the Chinese Ministry of Health Expert Committee on Disease Control. He is a member of the Expert Consultancy Committee for the Healthy China Action and Promotion Committee; Chair of the Society of Medical Parasitology, Chinese Preventive Medicine Association; Vice Chair of the Society of Global Health, Chinese Preventive Medicine Association.

Panelists: Julien Arino (UManitoba), Jacques Belair (UMontreal), Jingan Cui (BeijingUCivilEng&Archit), Meng Fan (NENormalU), Jane Heffernan (YorkU), Zhen Jin (ShanxiU), Michael Li (UALberta), Wei Lin (FudanU), Wendi Wang (SouthwestU), James Watmough (UNewBrunswick), Yanni Xiao (Xi'anjiaotong U), Huaiping Zhu (YorkU)

Organizers: Centre for Disease Modeling (CDM), Chinese Society for Mathematical Biology (CSMB)



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