Linglong Kong, PhD

Candidate Statement

I am a professor in the Department of Mathematical and Statistical Sciences at the University of Alberta. He holds a Canada Research Chair in Statistical Learning, a Canada CIFAR AI Chair, and is a fellow of the Alberta Machine Intelligence Institute (AMII). His publication record includes about 100 peer-reviewed articles in top journals such as AOS, JASA and JRSSB as well as top conferences such as NeurIPS, ICML, ICDM, AAAI, and IJCAI. I currently serve as associate editor of the Journal of the American Statistical Association, the Canadian Journal of Statistics, and Statistics and its Interface, as well as guest editor of Statistics and its Interface. Additionally, I am a member of the Regional Advisory Board (RAP) of the Western North American Region of the International Biometric Society. I served as a guest editor of Canadian Journal of Statistics, associate editor of International Journal of Imaging Systems and Technology, guest associate editor of Frontiers of Neurosciences, chair of the ASA Statistical Imaging Session, member of the Statistics Society of Canada's Board of Directors, chair of the ASA Statistical Computing Session program, and chair of the webinar committee. I am interested in the analysis of high-dimensional and neuroimaging data, statistical machine learning, robust statistics and quantile regression, as well as artificial intelligence for smart health.

It is an honor and a privilege to be nominated as a candidate for the presidency of the Western North American Region of the International Biometric Society (WNAR). As a member of WNAR for many years, I have actively participated in its activities and greatly benefited from them. I have organized and participated in many invited sessions at WANR in the past few years. In 2018, I was one of the local organizers who contributed to the successful organization of the annual meeting in Edmonton with more than 200 participants. Additionally, I have been serving as a member of the RAP in WNAR since 2020. In the rapidly developing and expanding field of biometrics, we have both exciting opportunities and challenging challenges as a society involved in statistics and biometrics. In my opinion, statisticians and biometricians, with their rigorous training and expertise in analyzing complex data, have much to contribute to the field of biometrics and will be able to play an important role.

The following are some of the primary goals I would strive to achieve if I were elected president:

- Engage our existing members and increase outreach to the broader statistical community
- Developing programs to assist in the training and mentoring of students and junior researchers in order to prepare the next generation of biometricians and statisticians
- Achieving greater visibility and impact for our profession in statistics and data science

I intend to work closely with the officers and members of the organization to achieve these goals. I would be honoured to lead this dynamic and aspiring organization.