

Biographical Sketch of Wing Hung Wong

A. Professional Preparation

1976 Mathematics, Statistics, B.A., University of California-Berkeley

1978 Statistics, M.S., University of Wisconsin-Madison

1982 Computer Science, M.S., University of Wisconsin-Madison

1980 Statistics, Ph.D., University of Wisconsin-Madison

B. Appointments

2004 to present: Professor of Statistics, Professor of Biostatistics, and Professor of Biology by courtesy, Stanford University

2000 to 2004: Professor of Statistics, Professor of Biostatistics, Harvard Univ.

1997 to 2000: Professor of Statistics, Professor of Human Genetics (from 1999), UCLA

1994 to 1997: Professor of Statistics, Chinese University of Hong Kong

1980 to 1994: Assistant Professor through Professor, Department of Statistics, U. of Chicago

C. Honors

Guggenheim Fellow (1987), IMS Fellow (1991), COPSS Award (1993), IMS

Neyman Lecture (2002), ASA Fellow (2002), Bahadur Lectures (2007), US

National Academy of Sciences (2009), Academia Sinica (2010)

D. Selected Publications

1) Cheng Li and Wing Hung Wong (2001) Model-based analysis of oligonucleotide arrays: expression index computation and outlier detection. *Proc. Natl. Acad. Sci.*, 98: 31-36.

2) Qing Zhou, Hiram Chipperfield, Douglas A Melton, Wing Hung Wong (2007) A gene regulatory network in mouse embryonic stem cells. *Proc. Natl. Acad. Sci.*, 104:16438-16443

3) Hongkai Ji, Hui Jiang, Wenxiu Ma, David S. Johnson, Richard M. Myers, Wing H. Wong (2008) An integrated system CisGenome for analyzing ChIP-chip and ChIP-seq data. *Nature Biotechnology* (In press)

4) Hui Jiang and Wing Hung Wong (2009) Statistical Inferences for isoform expression in RNA-seq. *Bioinformatics* 25(8):1026-1032; doi:10.1093/bioinformatics/btp113.

5) Kin F. Au, Hui Jiang, Lan Ling, Yi Xing, Wing H. Wong (2010) Detection of splice junctions from paired-end RNA-seq data by SpliceMap. *Nucleic Acids Research*, 2010, 1–9, doi:10.1093/nar/gkq211. PMC2919714

Other Publications

1) Martin Tanner and Wing Hung Wong (1987) Calculation of posterior distributions by data augmentation (Discussion paper), *J. Amer. Statist. Assoc.*, 82, 528--540

2) Wing Hung Wong and Xiaotong Shen (1995) Probability inequalities for likelihood ratios and convergence rates of sieve MLEs. *Annals of Statistics*, 23, 339—362

3) Xianghong Zhou, Ming-Chih Jeffreys Kao and Wing Hung Wong (2002) Transitive functional annotation by shortest path analysis of gene expression data. *Proc. Natl. Acad. Sci.*, 99:12783-12788.

4) Ovidiu Lipan and Wing Hung Wong (2005) The use of oscillatory signals in the study of genetic networks. Proc. Natl. Acad. Sci., 102: 7063-7068

5) Sam Kou, Qing Zhou and Wing Hong Wong (2006) Equi-energy sampling and its application to statistical inference and statistical mechanics (Discussion paper), Annals of Statistics, 34:1581-1619