

# Tingting Yu

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## EDUCATION

### Ph.D. in Statistics,

University of British Columbia, Vancouver, BC, Canada,  
2013 - In progress

### M.Sc. in Statistics,

University of British Columbia, Vancouver, BC, Canada,  
2011 - 2013

### B.Sc. in Statistics,

Zhejiang University of Finance and Economics, Hangzhou, Zhejiang, China,  
2007 - 2011

## RESEARCH INTERESTS

- Joint model
- Longitudinal/survival data analysis
- Missing data, measurement errors, censoring data
- Cancer and HIV/AIDS studies

## ACADEMIC EXPERIENCES

*Short Term Consulting Service Manager*, UBC Feb 2017 - Current

*Data Analyst*, BC Cancer Research Center Dec 2016 - Current

*Research Assistant*, Fred Hutchinson Cancer Research Center Sep 2014 - Current

- supervisors: Prof. Lang Wu and Prof. Peter B. Gilbert

*Research Assistant*, UBC May 2012 - Current

- supervisor: Prof. Lang Wu

*Graduate student seminar organizer*, UBC Sep 2015 - Apr 2016

- organize weekly graduate student seminar
- organize student seminar lecture series on statistical analysis of network data

*Teaching Assistant*, UBC Jan 2012 - Current

STAT 241/251: Introductory Probability and Statistics/Elementary Statistics,

- held labs and TA office hours
- served as head TA, Jan 2013-current
- helped with making lab materials, Jan 2015-May 2015
- helped with making lecture notes, Jul 2012-Dec 2012

*Teaching Assistant*, UBC Sep 2011 - Dec 2011

STAT 200: Elementary Statistics for Applications,

- held labs and TA office hours

**PUBLICATIONS** T.T. Yu, L. Wu, and P.B. Gilbert, A joint model for mixed and censored longitudinal data and survival data, with application to HIV vaccine studies, 2016, under revision.

T.T. Yu and L. Wu, Robust Modelling of the Relationship Between CD4 and Viral Load for Complex AIDS Data, 2016, Journal of Applied Statistics.

Y. Cheng, L. Wu, C. Lum, J. Zidek, and T.T. Yu, *Wood Property Relationships and Survival Models in Reliability*, Applied Stochastic Models in Business and Industry, 2016.

L. Wu and T.T. Yu, *Joint Modeling of Longitudinal and Survival Data*, Wiley Stat-  
sRef: Statistics Reference Online, 2016.

**TALKS & PRESENTATIONS** *A joint model for mixed and censored longitudinal data and survival data, with application to HIV vaccine studies*, Winter 2016 SFU/UBC Joint Seminar, March 2016.

*Jointly Modeling Longitudinal Process with Measurement Errors, Missing Data, and Outliers*, Statistical Society of Canada Annual Meeting, University of Toronto, May 2014.

*Causal effect of economic recession on TV viewing and video game playing in the last decade in the United States*, Statistical Society of Canada Annual Meeting, University of Toronto, May 2014.

**HONOURS & AWARDS**

2014 SSC Travel Award

2013-15 Faculty of Science Graduate Award (Ph.D.)

2011-13 Faculty of Science Graduate Award (M.sc.)

2007-2010 Second Prize of Excellent Undergraduate Scholarship

2009 Second Prize in Zhejiang Contest District in China Undergraduate Mathematical Contest in Modeling

2009 Zhejiang Province Undergraduate Statistical Research Competition Winner

2009/2008 Second/Third Prize in Zhejiang Province Collegiate Advanced Mathematics (Calculus) Contest in China