

# 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, outliers;
- Cancer and HIV/AIDS studies.

## ACADEMIC EXPERIENCES

*Research Assistant*, UBC May 2012 - Current

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

*Data Analyst*, BC Cancer Research Center Dec 2016 - Jun 2017

*Research Assistant*, Fred Hutchinson Cancer Research Center Sep 2014 - July 2017

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

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

*Teaching Assistant*, UBC Jan 2012 - Apr 2017  
STAT 241/251: Introductory Probability and Statistics/Elementary Statistics,

- head TA, Jan 2013 - Apr 2017
- held labs and TA office hours
- 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 (2017). New Approaches for Censored Longitudinal Data in Joint Modelling of Longitudinal and Survival Data, with Application to HIV Vaccine Studies. *under revision*.

T.T. Yu, L. Wu, and P.B. Gilbert (2017). A joint model for mixed and truncated longitudinal data and survival data, with application to HIV vaccine studies. *Biostatistics*.

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

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

L. Wu and T.T. Yu (2016). Joint Modeling of Longitudinal and Survival Data. *Wiley StatsRef: Statistics Reference Online*.

**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