

# Shuyi Zhong 舒怡 钟



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## CONTACT

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## RESEARCH INTEREST

Biostatistics  
Epidemiology  
Immunology  
Genetics  
Influenza Virus & Vaccine

## HONORS & AWARDS

First-class scholarship 09/2019

Second-class scholarship 09/2018

Third-class scholarship 09/2016

2<sup>nd</sup> prize in 1<sup>st</sup> Youth Research Competition

Outstanding Youth Volunteer 10/2016

## QUALIFICATIONS

IELTS 6.5 (L7.5 R6.5 W5.5 S6.0)

CET-6(509)

Chinese University MOOC Certificate in  
Medical Statistics

## EDUCATION BACKGROUND

**2018-2021** Master of Science, Epidemiology and Biostatistics

School of Public Health(shenzhen), Sun Yat-Sen University

**GPA** 3.8/4.0 Courses: Clinical Epidemiology, Multivariate Statistical Analysis and software, Retrieval of Medical Literature, etc.

**2013-2018** Bachelor of Preventive Medicine

School of Public Health, Sun Yat-Sen University

**GPA** 3.2/4.0 Courses: Epidemiology, Medical Statistics, Genetics, Immunology, Biology & Cell Biology, Pathology, etc.

## RESEARCH EXPERIENCE

**Association between influenza vaccine immune response and genetic variance.**

11/2018-Present

-Project participant, responsible for extracting genomic DNA from the blood, measuring HI antibody titers of 1187 sera, data cleaning, analysis and preliminary report writing;

-Skilled at SPSS, R studio, HyploView, hemagglutination inhibition test, culturing influenza virus with chicken embryo. Master with Spearman rank correlation test, Chi square test and multivariable logistic regression analysis.

**The influence of online game addiction on physical and mental health of college students in Guangzhou.** 12/2015-11/2017

-National Undergraduate Innovation Training Program;

-Project leader, lead the team and responsible for study design, proposal writing, questionnaire design, data collecting, analysis and report writing;

-Win the 2<sup>nd</sup> prize in the 1<sup>st</sup> Youth Research Competition 11/2017; The final report was rated as excellent(1/6);

-Master with cross-sectional research design; Skilled at Epidata, SAS, PASS;

Master with ANOVA, Chi square test and multivariable logistic regression analysis.

**Colonoscopy Adherence and Related Factors Among Preliminary Screened-Positive Population in Guangzhou: A Follow-up Study.** Project Participant, 03/2018-09/2018

-Project participant, responsible for telephone follow-up, data analysis and report writing.

-Skilled at EpiData and SPSS. Master with Kaplan-Meier method, log-rank test and Cox regression.

## RESEACH PUBLICATIONS

1. **Zhong S**, Wen S, Li M, Luo H, Shu Y. Association between immune-related genetic polymorphism and immune responses to influenza vaccination[J].

## SKILLS

**Statistics Method:** Master with parametric & non-parametric test, multivariate statistical analysis, meta-analysis & systematic review.

### **Statistics Software:**

Skilled at Office, EpiData, SPSS, R studio, PASS, SAS, HyploView

### **Experimental Skills:**

Skilled at hemagglutination test, hemagglutination inhibition test, extracting genomic DNA from the blood, culturing influenza virus with chicken embryo, culturing A549 cell.

Chinese Journal of Vaccines and Immunization, 2019, 25(06): 736-742. [in Chinese] **(Published)**

**Zhong S**, Chen Y, Li M, Wei H, Wen S, Huang B, Huang W, Wang D, Shu Y. Effects of gender and age on immune response of influenza vaccination in Chinese Han population. Chinese Journal of Vaccines and Immunization.[in Chinese] **(Submitted)**

2. Liu D, Maimaitijiang R, Gu J, **Zhong S**, Zhou M, Wu Z, Luo A, Lu C, Hao Y. Using the Unified Theory of Acceptance and Use of Technology (UTAUT) to Investigate the Intention to Use Physical Activity Apps: Cross-Sectional Survey. JMIR Mhealth Uhealth 2019;7(9):e13127. **(Published)**
3. Liu D, Jiao M, **Zhong S**, Zhou M, Wu Z, Luo A, Lu C, Gu J, Hao Y. Health condition of university students with physical electronic surveillance equipment in Guangzhou. Chinese Journal of School Health,2017,38(02):180-182+186.[in Chinese] **(Published)**
4. Wu Y, Liang Y, Feng Z, **Zhong S**, Lin G, Liu H, Li Y, Gu J. Colonoscopy Adherence and Related Factors Among Preliminary Screened-Positive Population in Guangzhou: A Follow-up Study. Journal of Sun Yat-sen University(Medical Sciences),2019,40(02):257-263.[in Chinese] **(Published)**
5. Sun Q, Jia T, **Zhong S**, Huang B, Chen J, Shu Y. Preliminary study on silencing information regulator 1 restricting influenza A virus replication. Chinese Journal of Experimental and Clinical Virology,2020,34(3):247-251.[in Chinese] **(Published)**
6. Li M, Wen S, **Zhong S**, Luo H, Shu Y. Progress in the role of leptin in immune response. Chinese Journal of Microbiology and Immunology,2020,40(05):387-392.[in Chinese] **(Published)**