

Flora (Yaou) Sheng

MBBS, M.P.H.

WORK EXPERIENCE

RAND Corporation Statistical Analyst	Arlington, VA, USA May 2019 – Present
Virginia Commonwealth University Sr. Health Research Analyst	Richmond, VA, USA Jan 2016 – May 2019
The Global Fund to Fight AIDS, Tuberculosis and Malaria Consultant	Geneva, Switzerland Jun 2014 – Apr 2015
Tulane University Research & Teaching Assistant	New Orleans, LA, USA Sep 2012 – Feb 2014

EDUCATION

Tulane University Master of Public Health, Epidemiology	New Orleans, LA, USA Aug 2012 – Aug 2015
Sichuan University-West China Medical College Bachelor of Medicine, Forensic Medicine	Chengdu, Sichuan, China Sep 2007 – Jun 2012
Sichuan University Bachelor of Economics, Finance	Chengdu, Sichuan, China Apr 2009 – Jan 2011

PROFESSIONAL SKILLS

Strong analytical skills by applying advanced statistical modeling and quantitative methods in health care research;
Extensive experience working with various health datasets and resources
Expertise in analytical software (SAS, STATA, QGIS);
Scientific writing (peer reviewed articles, technical reports, and policy briefs);
Fluent in English and Chinese (Mandarin)

MEMBERSHIP AND SERVICE

Reviewer, Annual Research Meeting (ARM), AcademyHealth
Member, AcademyHealth
Member, Society for Research on Nicotine & Tobacco (SRNT)
Member, The Obesity Society (TOS)

PUBLICATIONS

Journal Articles

1. Ksinan AJ, **Sheng Y**, Do EK, Schechter JC, Zhang J, Maguire RL, Hoyo C, Murphy SK, Kollins SH, Rubin B, and Fuemmeler BF. (2020) Identifying the best questions for rapid screening of secondhand smoke exposure among children. *Annals of the American Thoracic Society*, May 2020 (under review)
2. Fuemmeler BF, Holzwarth E, **Sheng Y**, Do EK, Miller CA, Blatt J, Rosoff P, Østbye T. (2020) Mila Blooms: a mobile phone application and behavioral intervention for promoting physical activity and a healthy diet among adolescent survivors of childhood cancer. *Games Health J*. 2020 May 8. PMID: 32391734
3. Fuemmeler, BF, **Sheng, Y**, Schechter, JC, Do, EK, Zucker, N, Majors, A, Hoyo, C, Kollins, SH. (2020) Association between attention deficit hyperactivity disorder symptoms, emotional-behavioral symptoms and eating behaviors in early childhood. *Pediatric Obesity*, 2020 Mar 2. PMID: 32119190
4. Barnes AJ, Cunningham PJ, Saxe-Walker L, Britton E, **Sheng Y**, Boynton M, Harper K, Harrell A, Bachireddy C, Montz E, and Neuhausen K. (2020) Hospital use declines after implementation of Virginia Medicaid's Addiction and Recovery Treatment Services. *Health Aff (Millwood)*. 2020 Feb;39(2):238-246.
5. Fuemmeler BF, Zucker N, **Sheng Y**, Sanchez CE, Maguire R, Murphy S, Kollins SH, Hoyo C. (2019) Maternal weight during pregnancy and symptoms of attention deficit hyperactivity disorder (ADHD) and executive functioning behaviors in young children. *Int J Environ Res Public Health*. 2019 Feb 25;16(4).
6. Cunningham PJ, **Sheng Y**. (2018) Trends in inpatient and emergency department utilization in California between 2012 and 2015: Did increases in primary care supply offset the impact of coverage expansions? *Med Care*. 2018 Jun;56(6):544-550.
7. Sabin K, Zhao J, Garcia Calleja JM, **Sheng Y**, Arias Garcia S, Reinisch A, Komatsu R. (2016) Availability and quality of size estimations of female sex workers, men who have sex with men, people who inject drugs and transgender women in low- and middle-income countries. *PLoS One*. 2016;11(5): e0155150.
8. Li H, Chen Y, Zhou B, Peng Y, **Sheng Y**, Rao L (2011). Polymorphisms of presenilin-1 gene associate with dilated cardiomyopathy susceptibility. *Mol Cell Biochem*. 2011 Dec;358(1-2):31-6.

Technical Reports and Policy Briefs

1. **Sheng Y**, Cunningham PJ, White A, Walker LS, Barnes A. (2019) Opioid Prescribing for Medicaid Members Drops Sharply After 2016. An independent evaluation for Department of Medical Assistance Services, Virginia
2. Cunningham PJ, Barnes A, **Sheng Y**, Walker LS, Saunders H, Brooks ME, Tong S. (2018) Addiction and Recovery Treatment Services – Access, Utilization, and Spending for the Period of April 1, 2017- March 31, 2018. VCU one-year ARTS evaluation for Department of Medical Assistance Services, Virginia
3. Walker LS, **Sheng Y**, Cunningham PJ. (2018) Addiction and Recovery Treatment Services (ARTS) policy brief: Many buprenorphine users receive no other services for addiction disorders. An independent evaluation for Department of Medical Assistance Services, Virginia
4. Cunningham PJ, Barnes A, Tong S, Brooks ME, Aycock RA, **Sheng Y**, Saunders H, Walker LS. (2018) Addiction and Recovery Treatment Services – Access, Utilization, and Spending for the Period of April 1- August 31, 2017. VCU 5-month ARTS evaluation for Department of Medical

PRESENTATIONS

Conference Presentation (selected)

1. Damberg CL, **Sheng Y**, Bogart A, Orr N, Zaslavsky A, and Elliott MN. Strategies to Improve Response Rates in Patient Surveys: Findings from the Medicare Disenrollment Survey. The Annual Research Meeting (ARM), Jun 2020, Boston MA, USA. (poster)
2. **Sheng Y**, White A, Cunningham PJ, Barnes A, Neuhausen K. Trends in opioid prescribing among Virginian Medicaid members with mental illness. The 11th Annual Conference on the Science of Dissemination and Implementation in Health (D&I), Dec 2018, Washington D.C., USA. (poster)
3. **Sheng Y**, Do EK, Schechter JC, Murphy S, Zhang J, Kollins SH, Hoyo C, Saba V, Majors A, Barry C, Tolbert S, Fuemmeler, BF. Validation of questions assessing secondhand smoke exposure in children. The Society for Research on Nicotine & Tobacco (SRNT) 24th Annual Meeting, Feb 2018. Baltimore, Maryland, USA. (poster)
4. **Sheng Y**, Do EK, Schechter JC, Murphy S, Zhang J, Kollins SH, Hoyo C, Saba V, Majors A, Barry C, Tolbert S, Fuemmeler, BF. Home smoking policy and secondhand smoke exposure in children. The Society for Research on Nicotine & Tobacco (SRNT) 24th Annual Meeting, Feb 2018. Baltimore, Maryland, USA. (poster)
5. Cunningham PJ, Barnes A, Tong S, Neuhausen K, Walker LS, Saunders H, **Sheng Y**, Brooks M, Aycock R. Evaluation of Virginia's Addiction and Recovery Treatment Services Program. The Annual Research Meeting (ARM), Jun 2018, Seattle, Washington, USA. (poster)
6. Barnes A, Cunningham PJ, Tong S, Neuhausen K, Walker LS, Saunders H, **Sheng Y**, Brooks M, Aycock R. New Opioid Treatment Delivery System in Virginia Offers Promise of Superior Care. The Annual Research Meeting (ARM), Jun 2018, Seattle, Washington, USA. (poster)
7. Walker LS, Cunningham PJ, **Sheng Y**, Saunders H, Tong S, Barnes A, Neuhausen K. Integrating Evidence into Medicaid Substance Use Disorder Delivery System Reform. The AcademyHealth National Health Policy Conference (NHPC), Feb 2018, Washington D.C. USA. (oral presentation)
8. **Sheng Y**, Do EK, Barry C, Saba V, Tolbert S, Zucker N, Schechter JC, Kollins SH, Fuemmeler, BF. Associations between attention deficit hyperactivity disorder symptoms, emotional-behavioral problems and eating behaviors in early childhood. The Obesity Society at Obesity Week (TOS), Oct 2017, Washington D.C. USA. (poster)
9. Hill SN, **Sheng Y**, Kollins SH, Murphy S, Hoyo C, Fuemmeler BF. Sex differences in neonatal DNA methylation of imprinted genes and executive functioning in early childhood. The 10th Developmental Origins of Health and Disease World Congress (DOHAD), Oct 2017, Rotterdam, Netherlands. (poster)

Oral Presentation

1. "Attitudes, policy and behavior change: The effect of attitudes towards smoke-free laws on quit attempts among smokers". The 17th World Conference on Tobacco on Health (WCTOH), Mar 2018, Cape Town, South Africa. (panel talk)