

CURRICULUM VITAE

Yan Wang, PhD, MS

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PERSONAL INFORMATION

Office Address & Contact Information:

2004 Mowry Road,
Gainesville, FL 32610
Email: ywang48@ufl.edu
Tel: (352)294-5942

CURRENT POSITION

Assistant Professor, Department of Epidemiology, University of Florida
Faculty Lead, Clinical Research Core, Consortium for Medical Marijuana Clinical Outcomes Research

EDUCATION

2005	Psychology, Peking University (China)	B.S.
2008	Child and Family Studies, Syracuse University	M.S
2013	Child and Family Studies, Syracuse University	Ph.D.

CERTIFICATION

College Teaching Certificate: Granted by Syracuse University, 2010
Quality Infant Care Certificate: Granted by Dr. Alice S. Honig for participation in Quality Infant Care Workshop, 2006

ACADEMIC POSITIONS

2009	Adjunct instructor, University College of Syracuse University
2014-2016	Post-doctoral research associate, Epidemiology, University of Florida
2016-2018	Research Assistant Scientist, Epidemiology, University of Florida
2018-	Assistant Professor, Epidemiology, University of Florida

HONORS & AWARDS

2001-2003	Wusi Scholarship	Peking University
2003-2004	Guanghua Scholarship	Peking University
2005-2008	University Fellowship	Syracuse University
2008	Master's Award for Research Excellence	Syracuse University
2010	Outstanding Teaching Assistant Award	Syracuse University
2011	Doctorate Award for Research Excellence	Syracuse University
2016	Nominated as APS Rising Star	Association of Psychological Science

2016	Matilda White Riley Early Stage Investigator Honor	NIH/OBSSR
2018	Entrepreneurship Faculty Fellow	University of Florida
2019	Travel Awards for Research Grant Enhancement (TARGET) program	University of Florida

COMMITTEE AND SERVICE

Syracuse University

2008-2009: Doctoral Student Career Advisory Board member

University of Florida

Department of Epidemiology

2016-2017: Fundraising committee

2020- : Seminar committee

College of Public Health and Health Professions

2017- : PPHP Financial Aid Committee

2017: Marshal for commencement

2019: Marshal for commencement

2020: Search committee for MPH program director

Southern HIV and Alcohol Research Consortium (SHARC)

2018-2019: 2019 Florida Community, Providers, and Researchers (CPR) conference planning committee

2019-: 2020 Florida Community, Providers, and Researchers (CPR) conference planning committee

American Psychological Association, Division 50

2018-2019: 2019 Collaborative Perspectives on Addiction Meeting program committee

National Institutes of Health

2020: Early career reviewer for HIV/AIDS Intra- and Inter-personal Determinants and Behavioral Interventions Study Section (HIBI)

EDITORIAL RESPONSIBILITIES

Associate Editor

2016 - : *Journal of Child and Family Studies*

Assistant to Guest Editor

Current HIV Research: Special issue on advanced methodology for HIV research

Ad Hoc Peer Reviewer

1. *Drug and Alcohol Review*
2. *Risk Management and Healthcare Policy*
3. *Addiction Research & Theory*
4. *Journal of Affective Disorders*

5. *Psychology of Addictive Behaviors*
6. *Addiction*
7. *Alcoholism: Clinical and Experimental Research*
8. *AIDS and Behavior*
9. *Journal of Health Psychology*
10. *Substance use and misuse*
11. *Alcohol*
12. *Health Psychology*
13. *Social Indicators Research*
14. *Journal of Psychoeducational Assessment*
15. *Social Psychiatry and Psychiatric Epidemiology*
16. *Sexuality Research and Social Policy*
17. *International Journal of Environmental Research and Public Health*
18. *Children and Youth Services Review*
19. *Journal of Child and Family Studies*
20. *Family Relations*
21. *Journal of Social Science Studies*
22. *Journal of Pulmonary & Respiratory Medicine*
23. *PLOS One*
24. *National Council on Family Relations Annual Conference*

GRANT REVIEW

Currently enrolled in the Early Career Review program at the Center for Scientific Review (CSR), NIH

PROFESSIONAL MEMBERSHIP

2009 - 2010	Member, National Council of Family Research
2012 - 2013	Member, Society of Research on Adolescence
2012 - 2013	Member, American Psychological Association
2013 - 2014	Member, International Association of Applied Psychology
2013 - 2014	Member, Society of Research on Child Development
2015 - 2016	Member, Association of Psychological Science
2016 - 2017	Member, Society for Epidemiologic Research
2019 -	Member, Research Society on Alcoholism
2019 -	Member, Research Society on Marijuana

RESEARCH SUPPORT

Current Research Support

NIH/NIAAA R21 AA027191 (PI: Yan Wang) “Laboratory and field validation of a wrist worn alcohol biosensor among persons living with HIV”, 2018/07-2020/06, Role: PI

This project will evaluate the reliability and validity of a newly developed wrist worn alcohol biosensor among persons living with HIV, and also assess the acceptability and usability of the

device for potential application in intervention.

NIH/NIDA R01 DA042069-03S1 (PI: Robert Cook, Co-PI: Yan Wang) “Alzheimers-gut-microbiome grant supplement for MAPLE”, 2019/04-2019/03, Role: Co-PI

This supplement will collect new data to examine the associations between marijuana use, oral/gut microbiome, and amnesic mild cognitive impairment (MCI) among persons living with HIV to disentangle the complex relationships among marijuana use, microbiome, and MCI in the context of HIV, which may lead to future full-scale research in this area

University of Florida CRISP Center Pilot Fund (PI: Yan Wang) “Medical marijuana use in older adults with chronic pain: A pilot project to build a prospective cohort”, Role: PI 2019/06-2020/05

This project aim to build research infrastructure and collect pilot data toward a large cohort study to investigator the short- and long-term health effects of medical marijuana in older adults, using multisource data collected from real-time assessments, survey questionnaire, standardized cognitive assessments, clinical/experimental pain assessments, and biological samples.

NIH/NIDA R01 DA042069 (PI: Robert Cook), “Health outcomes and cognitive effects of marijuana use among persons living with HIV/AIDS” 2017/08-2022/03, Role: Co-director of the project.

The overarching goals of this study are to obtain evidence regarding the influence of marijuana on major health outcomes and behavior in PLWH in order to help guide clinical recommendations and identify risk factors for consequences. A specific focus of this project is the relationship of marijuana to novel aspects of cognitive function (e.g. motivation, intention, planning) and to systemic inflammation.

NIH/HIAAA U01 AA020797-06 (PI: Robert Cook), “Effects of experimentally-induced reductions in alcohol consumption on brain cognitive, and clinical outcomes and motivation for changing drinking in older persons with HIV infection” 2011/09-2021/07, Role: CO-I.

The study aims to determine the extent to which marked reductions in alcohol consumption over 4-weeks via contingency management (CM) improves cognitive performance, brain functions and pathophysiology, and HIV-associated health outcomes.

Completed Research Support

NIH/NIGMS R01GM118737 (PI: Samuel Wu), “New Statistical and Computing Technologies for Breaking the Barrier to Medical Data Sharing” 09/15/2017 – 07/31/2020, Role: Co-I

The purpose of this project is to develop data sharing technologies, in particular, methods of data masking that promise to allow free exchange of medical information with strong privacy protection.

UF Shands Quasi Endowment Fund (PI: Yan Wang), “Improving alcohol use screening among HIV infected patients through advanced psychological testing” 2017/04-2019/10, Role: PI.

This project aims to test the effectiveness of implicit association test (IAT) in improving alcohol use screening in the primary care setting. The two primary goals include: (1) establish the procedure for alcohol IAT to be used among HIV-infected patients; (2) test the validity of alcohol IAT for screening alcohol use using alcohol biosensor and ecological momentary assessment (EMA).

SHARC Pilot Fund (PIs: Yan Wang & Eric Porges), “Using wearable biosensor to improve alcohol

monitoring and intervention among persons living with HIV” 2017/09-2018/09, Role: PI.

This project will serve as a pilot study to evaluate the reliability and validity of a newly developed wrist worn alcohol biosensor among persons living with HIV, and also assess the acceptability and usability of the device for potential application in intervention.

NIH/CTSI UL1TR001427 (PI: Xinguang Chen), “Exposure to Secondhand Smoke of Cigarettes and Marijuana in Young Children” 2017/05-2019/10, Role: CO-I (project coordinator).

Guided by the behavioral ecologic model of secondhand smoking, this project will address three aims: Build a multidisciplinary team and develop protocols and instruments for investigating SMS in young children; Conduct research to assess SMS and influential factors in children aged 1-5 with parent-child pairs from UF Health Shands Children’s Hospital; Obtain preliminary data supporting applications for extramural funding to further this research.

NIH/HICHD R01 HD 075635 (PI: Xinguang Chen), “Modeling quantum change in adolescent sexual initiation and condom use” 2013/07-2018/08, Role: CO-I.

The study aims to develop the cusp catastrophe modeling method, including software for analysis of HIV risk behaviors in adolescents and apply the method to analyze data from the National Longitudinal Survey of Youth 1997 and two randomized controlled data of ours to demonstrate the utility of the cusp modeling methodology.

NIH/HIAAA U24 AA022002-05 (PI: Robert Cook), “Southern HIV Alcohol Research Consortium (SHARC) admin and research support core” 2011/09-2021/07, Role: CO-I.

This U24 Core will support research that has significant impact by maximizing overall research productivity, increasing capacity to conduct clinical trials, enhancing collaborations, mentoring new researchers, and translating findings into clinical practice and public health settings that will improve health outcomes in persons with HIV and high-risk alcohol comorbidities.

NIH/NIMH R01 MH086322 (PI: Xinguang Chen), “Social capital and HIV risk behavior among rural migrants in China” 2010/04-2016/04, Role: Co-I

This study aims to obtain random samples using PIS/GPS technology to describe the prevalence of HIV risk behavior among rural migrants in China and to assess migration-related social capital change as it related to the risk behaviors for prevention intervention.

Dean Edith Smith Endowed Dissertation Grant (PI: Yan Wang), “Socio-cultural influences on adolescent smoking in mainland China: The mediating role of smoking-related cognitions”. 2011/09-2012/09, Role: PI.

The study aimed to examine the complex sociocultural, familial, and individual factors in shaping smoking behaviors among Chinese adolescents, as well as how smoking-related cognitions serve as the mediator in the complex relationships.

TEACHING AND MENTORING

College Level Teaching Experiences

Independent Teaching:

- Spring 2009: CFS345-The Developing Infant, University College of

- Syracuse University, 18 students
- Fall 2009: CFS363-Introduction to Gerontology, University College of
 - Syracuse University, 35 students
- Fall 2019, PH7901- Epidemiology Literature Review and Critique
 - University of Florida, 13 students

Guest Lectures:

- March 3rd, 2006: Class presentation, CFS 447- Principles & Practice in Parenting, Topic: Parents & School-Aged Children
- April 6th, 2006: Guest speaker, CFS 447- Principles & Practice in Parenting, Topic: Middle Age, Older Parenthood & Grandparenting
- February 12th, 2008: Guest speaker, CFS 667-Children and Families across Cultural Perspectives, Topic: Chinese families
- November 10th, 2008: Guest speaker CFS 467-Children and Families across Cultural Perspectives, Topic: Japanese families
- November 5th, 2008: Guest speaker, CFS 467-Children and Families across Cultural Perspectives, Topic: Chinese families
- October 8th, 2018: Guest speaker, HSC6935, NIAAA alcohol/HIV T32 “Core Seminar in the Translational Science of Alcohol and HIV Infection”, Topic: Technology based assessment of alcohol use: EMA and biosensor
- September 18, 2019: Guest speaker, HSC6935, NIAAA alcohol/HIV T32 “Core Seminar in the Translational Science of Alcohol and HIV Infection”, Topic: Real-time assessment of substance use
- November 21, 2019: Guest lecture, PHC6711- Measurement in Epidemiology and Outcomes Research, Topic: Real-time assessment of substance use and mental health

College Teaching Training Program:

- September 2007-Spring2010: Enrolled in Future Professoriate Program (FPP), Syracuse University.

Teaching Assistantship:

- Fall 2008: Teaching assistant, CFS345-The Developing Infant and CFS467-Children and Families across Cultural Perspectives, Syracuse University
- Spring 2009: Teaching assistant, CFS400-Immigrant Families, Syracuse University
- Spring-Fall 2010: Teaching assistant, CFS631-Research Methods, Syracuse University
- Summer 2016: Teaching assistant (co-teaching), PHHP6001-Epidemiology Methods II, University of Florida

Early Childhood Education Experience

2006-2007: Teaching associate, preschool classroom, Bernice M. Wright Child Development Laboratory School, Syracuse NY.

Academic Advisor

Master of Public Health (MPH):

Kia Fuller (2017)

Jacob Renuart (2017)

Charlee Ford (2018)

Papa Hoyeck (2018)

Jonathan Narvaez (2019)

Lillian Zeman (2019)

PHD student (Epidmiology):

Sara Nutley (2019)

Doctoral Dissertation Committee

Veronica Richards (committee member)

T32 Mentorship

NIH/NIAAA T32AA025877 (PI: Robert Cook), “Translational science training to reduce the impact of alcohol on HIV infection” 09/15/2017 – 07/31/2020, Role: T32 Mentor

The specific aims of our training program are to a) deliver an academic curriculum, b) provide outstanding mentoring, c) ensure skills in communication of science, d) provide experience in team science, and e) maximize professionalism and ethical conduct of research.

PUBLICATIONS

Peer-Reviewed Journal Articles

1. **Wang Y**, & Su Y. Development of children’s conformity behaviors in a cultural perspective. *Chinese Journal of Applied Psychology*. 2004; 10(4): 44-48. (This journal is the top-rated Chinese journal of applied psychology).
2. Roopnarine JL, **Wang Y**, Krishnakumar A, & Davidson K. Parenting practices in Guyana and Trinidad and Tobago: Connections to preschoolers social and cognitive skills. *InterAmerican Journal of Psychology*. 2014; 47(2): 313-328.
3. **Wang Y**, Krishnakumar A, Narine L. Parenting practices and adolescent smoking in mainland China: The mediating effect of smoking-related cognitions. *Journal of Adolescence*. 2014;37(6):915-925. doi:10.1016/j.adolescence.2014.06.010. (Impact factor: 1.957, 5-year impact factor: 2.638)
4. Roopnarine, J.L., **Wang, Y.**, Krishnakumar, A. Moderating Role of Social Support on the Associations between Individual Level Factors and Depressive Symptoms in Young Adults in Guyana and Trinidad and Tobago. *West Indian Medical Journal*. 2015; doi: 10.7727/wimj.2015.355.
5. Wang Y, Chen X, Li X, **Wang Y**, Qiao S, Zhou Y, Shen Z. Cigarette smoking among Chinese PLWHA: An exploration of changes in smoking after being tested HIV positive. *AIDS care*. 2016; 12: 1-5. doi:10.1080/09540121.2015.1090536. (Impact factor: **2.095**)
6. Chen X, **Wang Y**, Yan Y. The Essential Resilience Scale: Instrument Development and Prediction of Perceived Health and Behavior. *Stress and Health*. 2015; 32(5):533-542. doi: 10.1002/smi.2659 (Impact factor: **1.814**. This article received high level of attention since its e-publishing. I

- continuously receive request for the scale we developed from Researchgate.net)
7. Chen X, **Wang Y**, Li F, Gong J, Yan Y. Development and evaluation of the Brief Sexual Openness Scale: A construal level theory based approach. *PLoS ONE*. 2015; 10(8): e0136683. doi:10.1371/journal.pone.0136683 (Impact factor: **3.234**. The method we developed is a cost-effective way to obtain more reliable and valid answers in sensitive surveys. I was invited to write a post on the NIH/OBSSR official blog to introduce this method.)
 8. **Wang Y**, Chen X. Stress and Alcohol Use in Rural Chinese Residents: A Moderated Mediation Model Examining the Roles of Resilience and Negative Emotions. *Drug and Alcohol Dependence*. 2015; 155: 76-82. doi: 10.1016/j.drugalcdep.2015.08.014. (Impact factor: **3.423**, 5-year impact factor: 3.90. This article received the Matilda White Riley Early Stage Investigator Honor by National Institutes of Health Office of Behavioral and Social Sciences Research. I was invited to write a post for their official blog based on my research findings.)
 9. Liu Y, Chen X, Li S, Yu B, **Wang Y**, Yan H. Path analysis of acculturative stress components and their relationship with depression among international students in China. *Stress and Health*. 2016; 32(5):524-532. doi: 10.1002/smi.2658. (Impact factor: **1.814**)
 10. **Wang Y**, Chen X, Gong J, Yan Y. Relationships between stress, negative emotions, resilience, and smoking: Testing a moderated mediation model. *Substance Use and Misuse*. 2016; 51(4):427-38. doi: 10.3109/10826084.2015.1110176. (Impact factor: **1.234**)
 11. Chen X, Yu B, **Wang Y*** Initiation of electronic cigarette use by age among youth in the United States. *American Journal of Preventive Medicine*. 2017; 53(3), 396-399. doi: 10.1016/j.amepre.2017.02.011. (**IF: 4.465**) (*corresponding author)
 12. Chen X, **Wang Y.*** E-cigarettes for smoking cessation: A claim with insufficient evidence but makes tobacco control more challenging. *American Journal of Preventive Medicine*, 2017; (**IF: 4.465**) (*corresponding author)
 13. **Wang Y**, Chen X, Hahn JA, Brumback B, Zhou Z, Miguez MJ, & Cook RL. Phosphatidylethanol (PEth) in verifying self-reported alcohol consumption among HIV-infected women in a randomized controlled trial of Naltrexone for reducing hazardous drinking. *Alcoholism: Clinical and Experimental Research*. 2017; 42(1):128-134. doi: 10.1111/acer.13540. (**IF: 2.72**)
 14. **Wang Y**, Chen X, Ball J, Li X, Zhou Y, Shen Z. Change in alcohol use behavior among people living with HIV in China after receiving their HIV-positive diagnosis. *Sage Open Medicine*, 2018; 6: 2050312118755783. doi: 10.1177/2050312118755783
 15. Yu B, Chen X, **Wang Y**. Dynamic transitions between marijuana and cigarette smoking among US adolescents and emerging adults: Modelling data from the National Survey on Drug Use and Health. *American Journal of Drug and Alcohol Abuse*. 2018; 44(4):452-462. DOI: 10.1080/00952990.2018.1434535.
 16. Chen X, **Wang Y***, Leeman RF, Li F, Zhao J, & Bruijnzeel, AW. Video-assisted topographical measurement of cigarette smoking: Exploration of an objective approach to evaluate nicotine dependence. *Tobacco Prevention & Cessation*. 2018; 4:21. DOI: <https://doi.org/10.18332/tpc/90821>. (*corresponding author)
 17. **Wang Y**, Fridberg DJ, Leeman RF, Cook RL, & Porges EC. (*Invited submission for a special issue on alcohol biosensors). Wrist-Worn Alcohol Biosensors: Strengths, Limitations, and Future Directions. *Alcohol*. 2018; pii: S0741-8329(18)30061-2. doi: 10.1016/j.alcohol.2018.08.013.
 18. Chen X, Gao M, Xu Y, **Wang Y**, Li S. Associations between personal social capital and depressive symptoms: Evidence from a probability sample of urban residents in China. *International Journal of Social Psychiatry*. 2018; 20764018803123. doi: 10.1177/0020764018803123.
 19. Yu B, Chen X, Stanton B, Chen DD, Xu Y, **Wang Y**. Quantum changes in self-efficacy and condom-use intention among youth: A chained cusp catastrophe model. *Journal of Adolescence*. 2018; 68:187-197. doi: 10.1016/j.adolescence.2018.07.020.

20. Yu B, Chen X, Elliot AL, **Wang Y**, Li F, Gong J. Social capital, migration stress, depression and sexual risk behaviors among rural-to-urban migrants in China: A moderated mediation modeling analysis. *Anxiety, Stress & Coping*. 2019; doi: 10.1080/10615806.2019.1596673
21. Chen X, **Wang Y**, Chen DG. Nonlinear dynamics binge drinking among U.S. high school students in grade 12: Cusp catastrophe modeling of national survey data. *Nonlinear Dynamics, Psychology, and Life Sciences*. 2019
22. Richards VL, Berey BL, Lu H, Stetten NE, **Wang Y**, Brumback B, Cook RL. (accepted). Perceived Positive Consequences are Associated with Unhealthy Alcohol Use among Persons Living with HIV. *The Canadian Journal of Addiction*. 2020

Under review/revision

1. Richards VL, Zhou Z, **Wang Y**, Vaddiparti K, Brumback B, Cook RL. (under review). Association between alcohol use reduction and alcohol-related problems among women living with HIV: A longitudinal study.
2. Thompson LA, Ni Y, Paradise Black N, McIntyre D, Xu Y, **Wang Y**, Yu B, Chen X (under review). Parental Depression and Its Association with Family Functioning and Family Social Capital: A Mediation Modeling Analysis. *BMC Psychiatry*.
3. Xu Y, Xiao H, Humaer A, **Wang Y**, Li S, Chen X, Yu B, Yan H. (revised submission). Acculturation, Acculturative Stress and Depressive Symptoms among Kazakh Students from Xinjiang, China: A Mediation Modeling Analysis. *International Journal of Intercultural Relations*.
4. Yu B, **Wang Y**, Chen X (revised submission). Perception of peer condom use buffers the associations between HIV knowledge, self-efficacy and condom use intention among adolescents: A moderated mediation model. *Prevention Science*.
5. **Wang Y**, Jean-Jacques J, Li Z, Sibille K, Cook RL. Real-time effects of medical marijuana on adults living with chronic pain: Feasibility and preliminary findings from an ecological momentary assessment (EMA) study. *Drug and Alcohol Dependence*.
6. Sajdeya R, Joseph, VW, Stetten NE, Gladys I, **Wang Y**, Powell, LA, Somboonwit C, Corsi KF, Cook RL (revised submission). Reasons for marijuana use and its perceived effectiveness in therapeutic and recreational marijuana users among people living with HIV in Florida. *Cannabis*.
7. Ahmeda S, Algarina AB, Thadara H, Zhou Z, Taskina T, Vaddiparti K, Villalba K, **Wang Y**, Ennis N, Morano J, Somboonwit C, Cook RL, Ibañez GE. Comorbidities among persons living with HIV (PLWH) in Florida: A Network Analysis. *AIDS*

In preparation

1. **Wang Y**, Zhou Z, Miguez MJ, & Cook RL. Temporal relationships between depression and alcohol use among women living with HIV in a randomized clinical trial of Naltrexone for reducing hazardous drinking .
2. **Wang Y** & Chen X. The different pathways leading to alcohol dependence for male and female rural-to-urban migrants in China: The roles of social capital and depression.

Book Chapters

1. **Wang Y**, Chen X. Construal Level Theory Supported Method for Sensitive Topics: Applications in Three Different Populations. In: Chen X and Chen DG eds. *Statistical Methods for Global Health and Epidemiology: Principles, Methods and Applications*. Switzerland: Springer; 2020.
2. Miao G, Gao H, **Wang Y**, Wu SS. Introduction to privacy-preserving data collection and sharing methods for global health research. In: Chen X and Chen DG eds. *Statistical Methods for Global Health and Epidemiology: Principles, Methods and Applications*. Switzerland: Springer; 2020.

Conference Symposia/Workshops/Roundtables

1. **Wang Y**, Chen D, Chow S-M, Yu B, & Chen X. Capturing the quantum changes in human behavior: Innovative solutions to and practical application of the cusp catastrophe modeling. Symposium at the Association for Psychological Science 29th Annual Convention, Boston, MA, May 2017. **Role:** *Chair* and presenter
2. **Wang Y**, Cheong J, Villalba K, Nixon SJ. HIV and substance use among women: Challenges and opportunities for intervention. Symposium at the Collaborative Perspectives on Addiction Meeting, Tampa, FL, March 2018. **Role:** *Chair* and presenter
3. Luczak SE, **Wang Y**, Fairbairn CEA, Swift R, Barnett N. Using alcohol biosensor hardware and software in research: Options and applications. Workshop at the Research Society on Alcoholism (RSA) 41st Annual Scientific Meeting, San Diego, CA, 2018. **Role:** Presenter
4. **Wang Y**. Young Investigator Roundtable at the Research Society on Alcoholism (RSA) 41st Annual Scientific Meeting, San Diego, CA, June 2018. **Role:** Invited speaker
5. Luczak, SE, Ramchandani VA (NIH/NIAAA), **Wang Y**, Jung K (NIH/NIAAA), Jackson KM, Wright CJ, Sher KJ. Novel Technologies and Integrated Approaches for Obtaining and Using Real-time Alcohol Consumption Data Collected in Naturalistic Environments. Symposium at the 19th Congress of International Society for Biomedical Research on Alcoholism, Kyoto, Japan, September 2018. **Role:** Presenter
6. **Wang Y**, Barnett N, Chung T, Alessi S, Abrantes, A, Bae, S. Leveraging sensor technology in alcohol research and intervention: Advancements and challenges. Symposium at the Research Society on Alcoholism (RSA) 42nd Annual Scientific Meeting, Minneapolis, MN, 2019. **Role:** *Chair* and Presenter
7. Stetten NE, **Wang Y**, Cook RL, Joseph VW, Canidate, SS. Methodological Challenges in Cannabis Research. Symposium at the 2nd Research Society on Marijuana annual conference, 2019, Vancouver, Washington. **Role:** Presenter
8. **Wang Y**, Fridberg DJ, Fairbairn CEA, Croff, JA. New generation of wearable alcohol biosensors: Validation, application, and data analysis. Symposium accepted by the Research Society on Alcoholism (RSA) 42nd Annual Scientific Meeting, New Orleans, LA, 2020. **Role:** *Chair* and Presenter.

Conference Abstracts/Presentations

1. **Wang Y** & Krishnakumar A. The interplay of grandparents, parents, and children in Chinese families. Poster presented at the 71st National Council on Family Relations Annual Conference, 2009.
2. **Wang Y** & Krishnakumar A. Chinese parenting typologies and children's socio-emotional outcomes. Poster presented at the 72nd National Council on Family Relations Annual Conference, 2010.
3. **Wang Y** & Krishnakumar A. Socio-cultural influences on adolescent smoking behaviors in Chinese society: the mediating role of smoking-related cognitions. Poster presented at the 14th Society for Research on Adolescence Biennial Meeting, 2012.
4. **Wang Y** & Krishnakumar A. Parenting practices and adolescent smoking behaviors in mainland China: the mediating role of smoking-related cognitions. Accepted for poster presentation at the 120th Annual Convention of the American Psychological Association, 2012
5. **Wang Y** & Krishnakumar A. Socio-cultural influences on adolescent smoking in China: the mediating role of smoking-related cognitions. Accepted for paper presentation at the 30th International Congress of Psychology, 2012.
6. **Wang Y** & Krishnakumar A. Understanding How Parenting Impacts Adolescent Smoking in China: A Mediation Model Based on the Theory of Planned Behavior. Accepted for poster presentation at the 2013 Society for Research in Child Development Biennial Meeting, 2013.

7. **Wang Y** & Krishnakumar A. Understanding How Smoking-Specific Parenting Influence Adolescent Smoking in China: A Mediation Model Based on the Theory of Planned Behavior. Oral presentation at the 28th International Congress of Applied Psychology, Paris, France, 2014.
8. Chen X & **Wang Y**. Development and evaluation of the Brief Sexual Openness Scale: A construal level theory based approach. Presented at the 27th Annual Convention for Psychological Science, New York City, NY, 2015.
9. **Wang Y** & Chen X. Can resilience buffer the mediation effect of negative emotions in linking stress with cigarette smoking? A moderated mediation modeling analysis. Presented at the 27th Annual Convention for Psychological Science, New York City, NY, 2015.
10. Chen X, Chen D, Lan G, & **Wang Y**. Identify Partially Observed Markov-Systems for Studying the Dynamics of Adolescent Marijuana Use with Cross-Sectional Data. Oral presentation at the 25th Annual Conference of the Society for Chaos Theory in Psychology and Life Sciences, Gainesville, Florida, 2015
11. Yu B, Chen X, **Wang Y**, Hu X. Mutual impact of the transition of cigarettes and marijuana use among adolescents and emerging adults in the United States: A probabilistic discrete event system modeling analysis. Poster presented at the Epidemiology Congress of the Americas. Miami, FL, June 21-24, 2016.
12. **Wang Y** & Chen X. A Construal Level Theory Based Method to Improve Self-Reported Data Quality in Epidemiology Research: Sexual Openness in Rural Chinese Residents as an Example. Poster presented at the Epidemiology Congress of the Americas, Miami, FL, June 21-24, 2016.
13. **Wang Y** & Chen X. Using Cusp Catastrophe Model to Examine the Influences of Adolescent Attitude and Exposure to Environmental Tobacco Smoke on Their Own Smoking Behavior. Oral presentation accepted. The 31st International Congress of Psychology, Yokohama, Japan, July 21-24, 2016.
14. Yu B, Chen X, **Wang Y**, & Stanton B. Peer influence alters the associations between HIV knowledge and self-efficacy as well as self-efficacy and condom-use intention among adolescents: a moderated mediation modeling analysis. Accepted for oral presentation at 2017 American Association of Behavioral and Social Sciences Conference, Las Vegas, NV, 2017.
15. **Wang Y** & Chen X. The different pathways leading to alcohol dependence for male and female rural-to-urban migrants in China: The roles of social capital and depression. Accepted for oral presentation at 2017 American Association of Behavioral and Social Sciences Conference, Las Vegas, NV, 2017.
16. **Wang Y** & Chen X. Condom use knowledge, risk perception, self-efficacy, and sexual risk behaviors: A concurrent and longitudinal cusp catastrophe modeling analysis using Add Health data. Oral presentation accepted by 2017 the 7th International Nonlinear Science Conference, Salzburg, Austria, 2017.
17. **Wang Y** & **Cook RL**. Medical marijuana as a pain treatment: Preliminary findings from an ecological momentary assessment (EMA) study among older adults with chronic pain. Addiction Health Services Research Conference, Park City, Utah, 2019
18. Richards VL, **Wang Y**, Barnett N, Cohen R, Govind V, Orr J, Zhou Z, Cook RL. Biosensor-corroborated contingency management intervention for alcohol abstinence in older adults with and without HIV infection and heavy drinking. The College on Problems of Drug Dependence 2020 Virtual Meeting, Contingency Management Working Group special panel.
19. Stetten, N, Richards, V, Joseph, V, Williams, R, **Wang, Y**, Leeman, RF & Cook. RL (2020) Cannabis as a harm reduction approach to reduce the use of tobacco, alcohol, opioids, and other drugs: A systematic review of evidence. Poster presented at College on Problems of Drug Dependence 2020 Scientific Virtual Meeting, June 24, 2020.

Invited Talks/Presentations

1. Cook RL, **Wang Y**, Robinson M. University of Florida, Department of Clinical and Health Psychology colloquium series, Special topic on medical marijuana. Dec. 7, 2018, Gainesville, FL. Moderator: Ennis N.
2. **Wang Y**. Real-time assessment of drinking behaviors: The potential of wrist-worn alcohol biosensor. NIAAA “Advancing Uptake, Retention, and Adherence to Antiretroviral Therapy and to Pre-Exposure Prophylaxis (PrEP) for HIV/AIDS Prevention among Alcohol-Using Populations” Workshop. Sept. 23-24, 2019, Bethesda, MD
3. **Wang Y**. Cannabis and health conditions: Current research evidence. As part of the Research & Medical Cannabinoids CME 2020, February 29, Ocala, FL.