CURRICULUM VITAE

Yan Wang, PhD, MS

Last update: Oct. 2023

PERSONAL INFORMATION

Office Address & Contact Information:

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Gainesville, FL 32610
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CURRENT POSITION

Assistant Professor, Department of Epidemiology, University of Florida
Director, Digital Epidemiology, Department of Epidemiology, University of Florida
Associate Director, Southern HIV and Alcohol Research Consortium (SHARC)
Assistant Director of Clinical 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

Quality Infant Care Certificate: Granted by Dr. Alice S. Honig for participation in Quality
   Infant Care Workshop, 2006

College Teaching Certificate: Granted by Syracuse University, 2010

Master Mentor: University of Florida Mentor Academy, 2021

Key Topics in Causal Inference: Causal Lab, Havard University, T.H. Chan School of Public Health, 2022

Target Trial Emulation: Causal Lab, Havard University, T.H. Chan School of Public Health, 2022

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	Nominee, 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
2023	Excellence Awards for Assistant Professors	University of Florida
2023	Ayman El-Mohandes Young Professional Award	American Public Health Association

COMMITTEE AND SERVICE

Syracuse University

2008-2009: Doctoral Student Career Advisory Board member

University of Florida

Department level

2016-2017: Fundraising committee member

2020- : Seminar committee chair

2021- : MSE admission committee member

College level (College of Public Health and Health Professions)

2017- : PHHP Financial Aid Committee member

2017: Marshal for commencement

2019: Marshal for commencement

2020: Search committee for MPH program director

2021: PHHP Research Day abstract ad hoc reviewer

2021: Search committee for department chair of Clinical and Health Psychology

2022-2023: Vice chair, PHHP Faculty Council

2022-2023: Chair, PHHP Faculty Council

University level

2022-2023: Serving as a mentor on the Medi-Gators Mentorship Program

2022 Fall: Invited speaker for Mini Medical School for Teachers at UF

Southern HIV and Alcohol Research Consortium (SHARC)

2019-2022: Florida Community, Providers, and Researchers (CPR) conference planning committee

American Psychological Association, Division 50

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

Addiction Health Services Research Conference

2020: Served as a mentor in the Brandeis-Harvard NIDA Center Mentoring Program

Cannabis Clinical Outcomes Research Conference

2021: Conference Planning Committee; Scientific and Program Committee

American Geriatrics Society (AGS)

2022: Served as a mentor in the mentorship program at 2022 annual meeting

Research Society on Alcoholism (RSA)

2022: Served as a mentor in the mentorship program at 2022 annual conference

Society for Epidemiologic Research (SER)

2022-present: Awards Committee member

International Society for Biomedical Research on Alcoholism (ISBRA)

2022-present: Communication Committee member

EDITORIAL RESPONSIBILITIES

Associate Editor

2016 - 2023: *Journal of Child and Family Studies*

Editorial board member

2022 - present: *Annals of Epidemiology* (Impact factor: 6.99)
2023 – present: *Medical Cannabis and Cannabinoids*

Guest Editor

Frontiers in Public Health (Impact factor: 6.5): Special issue on mental health and suicidal behaviors among sexual minorities

Assistant to Guest Editor

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

Ad Hoc Peer Reviewer

1. *Addiction*
2. *Alcoholism: Clinical and Experimental Research*
3. *AIDS and Behavior*
4. *AIDS Research and Human Retroviruses*
5. *Addiction Research & Theory*
6. *Alcohol*
7. *Children and Youth Services Review*
8. *Digital Health*
9. *Drug and Alcohol Review*
10. *Expert Review of Clinical Pharmacology*
11. *Family Relations*
12. *Health Psychology*

13. *International Journal of Environmental Research and Public Health*
14. *Journal of Medical Internet Research (JMIR)*
15. *JMIR Human Factor*
16. *Journal of Affective Disorders*
17. *Journal of Child and Family Studies*
18. *Journal of Ethnicity in Substance Abuse*
19. *Journal of Health Psychology*
20. *Journal of Psychoeducational Assessment*
21. *Journal of Pulmonary & Respiratory Medicine*
22. *Journal of Social Science Studies*
23. *Journal of Studies on Alcohol and Drugs*
24. *PLOS One*
25. *Psychology of Addictive Behaviors*
26. *Psychology, Health, and Medicine*
27. *Risk Management and Healthcare Policy*
28. *Sexuality Research and Social Policy*
29. *Social Indicators Research*
30. *Social Psychiatry and Psychiatric Epidemiology*
31. *Substance use and misuse*
32. *Society for Epidemiologic Research 2022 Annual Conference*

GRANT REVIEW

2019-2020 Enrolled in the Early Career Review program at the Center for Scientific Review (CSR), NIH

National Institutes of Health

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

Fall 2023: ad hoc reviewer for HIV/AIDS Intra- and Inter-personal Determinants and Behavioral Interventions Study Section (HIBI)

National Science Foundation

2022-2023: NSF-SBIR/STTR 2022-2023 Panel Cycle for Digital Health (invited)

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 -	Member, Society for Epidemiologic Research
2019 -	Member, Research Society on Alcohol

2019 -	Member, International Society for Biomedical Research on Alcoholism
2021 -	Member, Research Society on Marijuana
2021 -	Member, American Geriatrics Society
2023 -	Member, American Public Health Association

RESEARCH SUPPORT

Current Research Support

NIH/NCI U01CA286810-01 (MPIs: Jennifer Hu & **Yan Wang**), "Assessing benefits and harms of medical cannabis and cannabinoid use in breast cancer patients during and after treatments" **Role: MPI** Total award: **$3,264,626**

> This project proposes a prospective breast cancer cohort study (50% minorities) to address knowledge gaps and build evidence of the benefits and harms of MCC use during and after cancer treatment.

NIH/NIA R01 AG071729-01A (PI: Yan Wang), "Real-Time and Long-Term Effects of Medical Marijuana on Older Adults: A Prospective Cohort Study*"*, 02/2022-11/2026, **Role: PI**. Total award: **$2,940,426**

> The goal of this project is to build a prospective cohort that innovatively combines technology-based ecological momentary assessments (EMA) and in-person visits over 12 months to obtain both subjective and objective data on medical marijuana's short- and long-term effects on older adult with chronic pain.

NIH/NIA R01 AG071729-01A1S1 Administrative Supplement (PI: Yan Wang), "Real-time and long-term effects of medical marijuana on older adults: A prospective cohort study", 02/2022-11/2026, **Role: PI.** Total award: **$375,000**

> This supplement will add blood test for cannabinoids and their metabolites to enhance the scientific merit of the parent R01.

NIH/NIAAA R01 AA030481-01 (MPIs: Robert Cook & Yan Wang), "Technology-based assessments and intervention to reduce alcohol consumption and improve HIV viral suppression in the Florida Cohort", 09/2022-07/2027, **Role: MPI**. Total award: **$3,130,985**

> The overarching goals of the current grant proposal are to advance understanding of the mechanisms influencing adherence to contemporary HIV therapeutic regimens, and to incorporate alcohol-related interventions into emerging clinic- and community- based strategies to achieve and maintain HIV viral suppression across diverse populations.

NIH/NIAAA R01 AA030481-01A1 (MPIs: Jessica Weafer & Robert Leeman), "Linking impulsivity domains and subjective response to alcohol in young adults using lab and daily assessment methods", 09/2022-07/2027, **Role: UF site PI**. Total award: **$3,180,609**

> Findings from this project will determine the relationship between two vulnerability factors for Alcohol Use Disorder (AUD) in young adults: impulsivity and subjective response to alcohol. The results will identify badly needed, novel targets for prevention and treatment efforts to simultaneously reduce impulsivity and subjective responses in at-risk young adults.

NIH/NIAAA P01 AA029547-01 (MPI: Sylvie Naar & Karen MacDonell), "SHARE Program: Innovations in Translational Behavioral Science to Improve Self-management of HIV and Alcohol Reaching Emerging

adults", 09/2021-08/2026, **Role: PI of Research Project 2**—"A wrist biosensor-based mHealth suite to support alcohol intervention in young people living with HIV (PROJECT ENGAGE)

> The purpose of the SHARE P01 research program project is to address HIV and alcohol use around three themes; 1) Emerging adulthood (ages 18 -29); 2) Self-management of HIV and alcohol; and 3) Translational behavioral science.

NIH/NIAAA P01 AA029543-01 (MPI: Robert Cook & Ronald Cohen), "Interventions to Improve Alcohol-related Comorbidities along the Gut-Brain Axis in Persons with HIV", 09/2021-08/2026, **Role: Site PI** for Research Project 2—"Novel extensions of alcohol contingency management in people living with HIV".

> The overarching goal of this P01 is to identify and ultimately implement new/improved, targeted interventions that will improve outcomes related to cognitive and brain dysfunction in persons with HIV who drink alcohol. The proposed P01 activity will extend our current line of research that forms the core of the Southern HIV & Alcohol Research Consortium (SHARC).

NIH/NIAAA U24 AA029959-01 (MPI: Samuel Wu & Robert Cook), "Southern HIV and Alcohol Research Consortium Biomedical Data Repository", 09/2021-08/2026, **Role: Co-I**

> This project aims to integrate the disparate data sources maintained by our partners and then utilize the big data to address research questions in treating HIV and alcohol-related morbidity and mortality.

NIH/NIAAA R21AA029489-01 (PI: Anna Jaffe), "Connecting alcohol myopia to real-world risk behaviors through cognitive ecological momentary assessment", 09/2022-08/2024, **Role: UF site PI**

> The current project involves the adaptation and evaluation of cognitive tasks to test theorized mechanisms underlying the connection between alcohol intoxication and risk behaviors within naturally occurring drinking episodes.

FDA via the Sentinel Initiative FDA-RFTOP-1262928 (PI: Amie Goodin), "Medical Literature and Data on Cannabis Use", 01/2023-05/2023, **Role: Co-I**

> The core of this work is the conduct of targeted literature reviews aimed at supporting a comprehensive assessment of the clinical risk-benefit of cannabis.

NIH/NIAAA R34AA031379 (PI: Nichole Scaglione), "Expanding the uSafeUS mobile app to reduce alcohol-involved sexual assault on college campuses" **Role: Co-I**

> This project will leverage the existing uSafeUS infrastructure and a proven user-centered development process to expand app features to include an interactive drink tracker and personalized feedback messaging to reduce alcohol consumption and increase protective behavioral strategies use.

Pending Research Support

NIH/NIAAA R01AA030308-01A1 (PI: Jessica Weafer), "Sex and sex hormone factors influencing acute alcohol effects on sleep physiology", **Role: UF site PI** (Impact score: 14, Percentile: 1%, pending award)

NIH/NIAMS R21AR082146-01 (MPIs: Simone Marini, **Yan Wang**, Kimberly Sibille), "Medical marijuana and chronic musculoskeletal pain: a multi-level, precision medicine analysis", **Role: MPI** (Impact score: 44, pending council review)

NIH/NIAAA U24 (PI: Judith Hahn), "The REpository of Alcohol Levels for HIV Research (REALH)", (Impact score: 42, resubmitted as a new proposal in Jan. 2023). **Role: Stakeholder Consulting Board member**

Completed Research Support

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.

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.

NIH/HICHD R01 HD 075635 (PI: Xinguang Chen), "Modeling quantum change in adolescent sexual initiation and condom use" 2013/07-2018/08, Role: Postdoctoral research associate.

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/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.

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.

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).

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", 2019/06-2020/12, Role: PI

This project aims to build research infrastructure and collect pilot data toward a large cohort study to investigate 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.

SHARC Center Pilot Fund (PI: Veronica Richards*) "Adding the BACtrack Skyn biosensor to the 30-Day Challenge Study", 2020/06-2022/06, Role: Faculty mentor. *PhD student

This project aims to build research infrastructure and collect pilot data toward a large cohort study to investigate 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/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.

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/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.

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-I (Co-directing the project with the PI).

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/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 amnestic 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

NIH/NIDA R01 DA042069-04S1 (PI: Robert Cook), COVID-19 supplement for "Health outcomes and cognitive effects of marijuana use among persons living with HIV/AIDS" 2017/08-2022/03, Role: Co-I.

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/NIAAA R21 AA027191 (PI: Yan Wang) "Laboratory and field validation of a wrist worn alcohol biosensor among persons living with HIV", 2018/07-2022/06, Role: PI, $416,260

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/HIAAA U24 AA022002-08S1 (PI: Robert Cook), COVID-19 supplement for "Southern HIV Alcohol Research Consortium (SHARC) admin and research support core" 2012/09-2023/03, 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.

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
- Fall 2020, PH7901- Epidemiology Literature Review and Critique
  - University of Florida, 9 students
- Fall 2021, PH7901- Epidemiology Literature Review and Critique
  - University of Florida, 11 students
- Fall 2022, PH7017- Advanced Epidemiologic Methods III
  - 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

- o February 12th, 2008: Guest speaker, CFS 667-Children and Families across Cultural Perspectives, Topic: Chinese families
- o November 10th, 2008: Guest speaker CFS 467-Children and Families across Cultural Perspectives, Topic: Japanese families
- o November 5th, 2008: Guest speaker, CFS 467-Children and Families across Cultural Perspectives, Topic: Chinese families
- o 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
- o 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
- o November 21, 2019: Guest lecture, PHC6711- Measurement in Epidemiology and Outcomes Research, Topic: Real-time assessment of substance use and mental health
- o March 6, 2020: Guest speaker, BMS 6863 - Population Health in Medicine, Topic: Applying wearable sensors in population health
- o October 8, 2020: 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
- o November 19, 2020: Guest lecture, PHC6711- Measurement in Epidemiology and Outcomes Research, Topic: Real-time assessment of substance use and mental health
- o November 17, 2022: Guest lecture, PHC6711- Measurement in Epidemiology and Outcomes Research, Topic: Real-time assessment of substance use and health outcomes

College Teaching Training Program:

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

Teaching Assistantship:

- o Fall 2008: Teaching assistant, CFS345-The Developing Infant and CFS467-Children and Families across Cultural Perspectives, Syracuse University
- o Spring 2009: Teaching assistant, CFS400-Immigrant Families, Syracuse University
- o Spring-Fall 2010: Teaching assistant, CFS631-Research Methods, Syracuse University
- o 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.

Master of Public Health (MPH) thesis chair:

Kia Fuller (2019)

Charlee Ford (2020)

Papa Hoyeck (2020)

Jonathan Narvaez (2021): Receipient of the Epidemiology Ambassador Award

Lillian Zeman (2021)

Gregroire Lamonge (2022)

Alexandra McMahon (2022)

Juan Anoletti (2023): Awardee of Best All-around MPH Epidemiology Student

Master of Science in Epidemiology (MSE) thesis committee:
Hunter Ponder (2020)

PHD student academic advisor:
Sara Nutley (expected graduation 2024)

Ruba Sajdeya (2023)

Doctoral dissertation committee
Veronica Richards (co-chair) (2022)

  Dissertation title: Identifying harmful patterns of alcohol use with self-report and objective measures: a path towards future alcohol interventions

Seungjun Ahn (committee member) (2023)

Carolin Hoeflich (committee member) (expected graduation 2024)

Sabrina Zequeira (committee member) (expected graduation 2025)

Amadou Barrow (chair) (expected graduation 2026)

Kendall Robinson (chair) (expected graduation 2027)

T32 Mentorship

NIH/NIAAA T32AA025877 (PI: Robert Cook), "Translational science training to reduce the impact of alcohol on HIV infection" 08//2018 – 07/2023, 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: 3.675)

4. Roopnarine, JL, **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: 1.887)

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: 3.454)

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: 3.752)

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: 4.852)

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: 2.362)

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. (Impact factor: 6.604) (*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 (Impact factor: 6.604) (*corresponding author)

13. **Wang Y**, Chen X, Hahn JA, Brumback B, Zhou Z, Miguez MJ, Cook RL. Phosphatidylethanol in Comparison to 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. (Impact factor: 3.928)

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. (Impact factor: 3.912)

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. 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. (Impact factor: 10.461)

18. 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. (Impact factor: 3.256)

19. **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.* 2019; pii: S0741-8329(18)30061-2. doi: 10.1016/j.alcohol.2018.08.013.

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 (Impact factor: 3.813)

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; 23(4):465-490.

22. Richards VL, Berey BL, Lu H, Stetten NE, **Wang Y**, Brumback B, Cook RL. Perceived Positive Consequences are Associated with Unhealthy Alcohol Use among Persons Living with HIV. *The Canadian Journal of Addiction.* 2020; 11(4): 23-31. DOI: 10.1097/CXA.0000000000000098

23. Richards VL, Sajdeya R, Villalba K, **Wang Y**, Bryant V, Brumback B, Bryant K, Hahn JA, Cook RL. Secondary analysis of a randomized clinical trial of naltrexone among women living with HIV: Correlations between reductions in self-reported alcohol use and phosphatidylethanol (PEth). *Alcoholism: Clinical and Experimental Research.* 2021 Jan;45(1):174-180. doi: 10.1111/acer.14515 (Impact factor: 3.928)

24. Sajdeya R, Joseph,VW, Stetten NE, Ibanez, GE, **Wang Y**, Powell,LA, Somboonwit C, Corsi KF, Cook RL. Reasons for marijuana use and its perceived effectiveness in therapeutic and recreational marijuana users among people living with HIV in Florida. *Cannabis.* 2021; 4(1): 40-52.

25. **Wang Y***, Fridberg DJ*, Shortell DD, Leeman RF, Barnett NP, Cook RL, & Porges EC. Wrist-Worn Alcohol Biosensors: Applications and usability in behavioral research. Alcohol. 2021 May; 92: 25-34. https://doi.org/10.1016/j.alcohol.2021.01.007 (*co-first authors). PMID: 33609635

26. Richards VL, Zhou Z, **Wang Y**, Vaddiparti K, Brumback B, Cook RL. Impact of reduction in drinking vs. complete cessation on the severity and type of alcohol-related problems in women living with HIV. *Substance Use and Misuse.* 2021; 56(5):704-710 (Impact factor: 2.362)

27. **Wang Y**, Ibanez GE, Vaddiparti K, Stetten NE, Sajdeya R, Porges EC, Cohen RA, Cook RL. Change in marijuana use and its associated factors among persons living with HIV (PLWH) during the COVID-19 pandemic: Findings from a prospective cohort. *Drug and Alcohol Dependence.* 2021 May 21;225:108770. doi: 10.1016/j.drugalcdep.2021.108770. PMID: 34049094. (Impact factor: 4.852)

28. Richards VL*, Liu Y, Orr J, Leeman RF, Barnett NP, Bryant K, Cook RL, **Wang Y**. Sociodemographic and clinical factors associated with transdermal alcohol concentration from the SCRAM biosensor among persons living with and without HIV. *Alcohol Clin Exp Res. 2021 Sep;45(9):1804-1811. doi: 10.1111/acer.14665.* PMID: 34342009. (*graduate student) (Impact factor: 3.928)

29. Jean-Jacques J*, Cook RL, Winterstein A, Goodin A, Brown J, Jugl S, **Wang Y**. Priorities for medical marijuana research from the perspective of physicians, dispensary owners/staff, and patients: A survey study. *Med Cannabis Cannabinoids* 2021. doi: 10.1159/000518105 (*research

coordinator). PMID: 35224430.

30. Sajdeya R, Shavers A, Jean-Jacques J, Costales B, Jugl S, Crump C, **Wang Y,** Manfio L, Pipitone RN, Rosenthal MS, Winterstein AG, Cook RL. Practice patterns and training needs among physicians certifying patients for medical marijuana in Florida. *J Prim Care Community Health.* 2021 Jan-Dec;12:21501327211042790. doi: 10.1177/21501327211042790. PMID: 34452585.

31. **Wang Y**, Jean-Jacques J, Li Z, Sibille KT, Cook RL. Health outcomes among adults initiating medical cannabis for chronic pain: A 3-month prospective study incorporating ecological momentary assessment (EMA). *Cannabis.* 2021, 4(2). DOI: 10.26828/cannabis/2021.02.006. PMID: 34671723.

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33. Parisi CE, Varma, DS, **Wang Y**, Vaddiparti K, Ibañez GE, Cruz L, Cook RL. Changes in Mental Health Among People with HIV During the COVID-19 Pandemic: Qualitative and Quantitative Perspectives. *AIDS Behav*. 2022 Jan, 26(6): 1980–1991. DOI: https://doi.org/10.1007/s10461-021-03547-8 (Impact factor: 3.895)

34. Ahmed S, Algarin AB, Thadar H, Zhou Z, Taskin T, Vaddiparti K, Villalba K, **Wang Y**, Ennis N, Morano JP, Somboonwit C, Cook RL, Ibañez GE. Comorbidities among persons living with HIV (PLWH) in Florida: A Network Analysis. *AIDS care*. Feb 2022. DOI: https://doi.org/10.1080/09540121.2022.2038363

35. Fridberg, DJ, **Wang Y**, Porges EC. Examining features of transdermal alcohol biosensor readings: A promising approach with implications for research and intervention. *Alcoholism: Clinical and Experimental Research*. Apr 2022. 46(4):514-516. doi: 10.1111/acer.14794. PMID: 35187662 (Impact factor: 3.928)

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37. Algarin AB, Plazarte GN, Sovich KR, Seeger SD, Li Y, Cohen RA, Striley CW, Goldberger BA, **Wang Y**, Somboonwit C, Ibañez GE, Spencer EC, Cook RL. The Marijuana Associated Planning and Long-term Effects (MAPLE) Study: Protocol of a Longitudinal Cohort of Marijuana Use and Health Outcomes in Persons living with HIV. *JMIR Research Protocols*. 2022;11(8):e37153. DOI: 10.2196/37153. PMID: 36040775

38. Richards VL*, Rajendran S, Cook RL, Leeman RF, **Wang Y**, Prins C, Cook C. Identifying desired features that would be acceptable and helpful in a wrist-worn biosensor-based alcohol intervention for adults with heavy drinking: A qualitative study. *J Med Internet Res*. 2023;25:e38713. DOI: 10.2196/38713. PMID: 36729576 (*graduate student)

39. Richards VL*, **Wang Y**, Porges EC, Gullet JM, Leeman RF, Zhou Z, Barnett NP, Cook RL. Using alcohol biosensors and biomarkers to measure changes in drinking: Associations between transdermal alcohol concentration, phosphatidylethanol, and self-report in a contingency management study of persons with and without HIV. *Experimental and Clinical Psychopharmacology*. 2023 Jan 16. doi: 10.1037/pha0000637. Epub ahead of print. PMID: 36649152. (*graduate student)

40. Richards RL*, Barnett NP, Cook RL, Leeman RF, Souzac T, Case S, Prins C, Cook C, **Wang Y**. Correspondence between alcohol use measured by a wrist-worn alcohol biosensor and self-report via ecological momentary assessment (EMA) over a two-week period. *Alcoholism: Clinical and Experimental Research*. 2023 Feb;47(2):308-318. doi: 10.1111/acer.14995. Epub 2022 Dec 21. PMID: 36507857. (*graduate student)

41. Parisi CE, **Wang Y**, Varma DS, Vaddiparti K, Ibanez GE, Cruz L, Cook RL. Changes in Frequency of Marijuana Use Among People with HIV During the COVID-19 Pandemic: A Multi-Methods Study to Explore the Underlying Reasons for Change. *The American Journal of Drug and Alcohol Abuse*. 2023 Mar 10:1-11. doi: 10.1080/00952990.2023.2176234. Epub ahead of print. PMID: 36898081.

42. Sajdeya R*, Fechtel HJ, Spandau G, Goodin A, Brown J, Jugl S, Smolinski NE, Winterstein AG, Cook RL, **Wang Y**. Protocol of a combined cohort and cross-sectional study of persons receiving medical marijuana in Florida: The Medical Marijuana and Me (M³) Study. *Medical Cannabis and Cannabnoids*. 2023 May 9;6(1):46-57. doi: 10.1159/000530052. PMID: 37261066. (*graduate student)

43. Gunn RL, Merrill JE, Haines AM, Fernandez ME, Souza T, Berey B, Leeman RF, **Wang Y**, Barnett NP. Use of the BACtrack Skyn alcohol biosensor: Practical applications for data collection and analysis. *Addiction*. 2023 Apr 15. doi: 10.1111/add.16207. Epub ahead of print. PMID: 37060272.

44. Gullett, JM, DeFelice, J, Richards, VL, Cohen, RA, Porges EC, Govind V, **Wang Y**, Zhou Z, Cook RL. Resting state connectivity alterations after stopping heavy drinking in people living with HIV. *Frontiers in Psychiatry*. May 17;14:1102368. doi: 10.3389/fpsyt.2023.1102368. PMID: 37265553.

45. McMahon A*, Varma D, Fechtel HJ, Sibille KT, Li Z, Cook RL, **Wang Y**. Perceived effectiveness of medical marijuana among adults with chronic pain: Findings from interview data in a three-month pilot study. *Cannabis*. 2023. Early view. DOI: 10.26828/cannabis/2023/000149 (*graduate student)

46. Parisi CE, Gracy HR, Bush NJ, Cook RL, **Wang Y**, Chichetto N. Does the use of alcohol to treat pain affect drinking reduction among women with HIV enrolled in a randomized placebo-controlled clinical trial of naltrexone? *Alcohol: Clinical & Experimental Research*. 2023 Aug 23. DOI: https://doi.org/10.1111/acer.15165

47. **Wang Y,** Robinson KR*, Fechtel HJ, Hartog A. Medical cannabis use and its impact on health among older adults: Recent research findings and future directions. *Current Addiction Reports*. (*co-first author, graduate student) (Accepted)

48. Vaddiparti K, Liu Y, Bottari S, Crump C, Zhou Z, **Wang Y**, Willaimson J, Cook RL. Improved posttraumatic stress disorder symptoms and related sleep disturbances after initiation of medical marijuana use: Evidence from a prospective single arm pilot study. *Medical Cannabis and Cannabnoids* (minor revision).

49. **Wang Y**, Fridberg DJ, DeFelice J, Porges EC. Integrating alcohol biosensors with ecological momentary intervention (EMI) for alcohol use: A synthesis of the latest literature and directions for future research. *Current Addiction Reports*. (major revision)

Other Non-Peer-Reviewed Publications (e.g., Reports)

1. Goodin A, J, Wilson D, L, Cook R, L, **Wang Y**, Brown J, Winterstein AG. Proceedings of the 2021 Cannabis Clinical Outcomes Research Conference. *Med Cannabis Cannabinoids* 2021. 4:143–146. https://doi.org/10.1159/000519037

2. Smolinski NE, Sajdeya R, Cook RL, **Wang Y**, Winterstein AG, Goodin A. Proceedings of the 2022 Cannabis Clinical Outcomes Research Conference (CCORC)Orlando, FL, USA, May 19-20, 2022. *Med Cannabis Cannabinoids* 2022; 5:142–158. https://doi.org/10.1159/000527081

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 Symposiums/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. Luczack 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, Septermber 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, Minniapolis, 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 cancelled due to COVID-19)
9. **Wang Y**, Fridberg DJ, Fairbairn CEA, Croff, JA. New generation of wearable alcohol biosensors: Validation, application, and data analysis. Symposium at the Research Society on Alcoholism (RSA)/International Society for Biomedical Research on Alcoholism (ISBRA)Annual Scientific Meeting, virtual, 2021. **Role**: *Chair* and Presenter.
10. **Wang Y**, Cook RL, Britton M, Parisi C. Different methods in measuring cannabis use and outcomes in diverse adult populations. Symposium the 6th Research Society on Marijuana annual conference, Boston, MA, July 2022. **Role:** *Chair* and Presenter.
11. **Wang Y**. Advancing understanding of epidemiology, etiology, and treatment of substance use with advanced analytical approaches. Society for Epidemiologic Research 2023 annual conference, June 2023, Portland, OR. **Role**: *Chair*.
12. Gunn, R, **Wang Y**, Luczak SE, Garrett A, Fairbairn, CEA. Practical applications and considerations for the use of transdermal alcohol biosensors in applied research: A conversation with experts. Symposium at the Research Society on Alcohol (RSA) 42nd Annual Scientific Meeting, June 2023, Bellevue, WA. **Role:** Presenter.
13. **Wang Y**, Cook RL, Lopez-Quintero C, Perez JG. Medical cannabis patient characteristics and

product use patterns from a statewide survey in Florida: Similarities and differences across health conditions. Symposium the 6th Research Society on Marijuana annual conference, Long Beach, CA, July 2023. **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.

20. **Wang Y**, Ibanez GE, Vaddiparti K, Stetten N, Sajdeya R, Porges EC, Cohen R, Cook RL. Change in marijuana use and its associating factors among persons living with HIV (PLWH) during the COVID-19 pandemic. Poster presentation at the College on Problems of Drug Dependence 2021 Scientific Virtual Meeting, June 2021.

21. **Wang Y**, Jean-Jacques J, Li Z, Sibille K, Cook RL. Health outcomes among middle-aged and older adults initiating medical marijuana for chronic pain: A 3-month prospective study incorporating ecological momentary assessment (EMA). Abstract presented at the Presidential ePoster Session at the 2021 Annual Meeting of the American Geriatrics Society (virtual).

22. **Wang Y**, Jean-Jacques J, Li Z, Sibille K, Crump J, Aggarwal B, Cook RL. Health outcomes among adults initiating medical marijuana for chronic pain: Preliminary findings from a 12-month prospective study. Oral presentation at the inaugural Cannabis Clinical Outcomes Research Conference (CCORC), April 2021.

23. Parisi C, **Wang Y**, Varma D, Vaddiparti K, Ibanez GE, Cook RL. Reasons for Changes in Physical and Mental Health and in Cannabis Use During the COVID-19 Pandemic Among Persons Living With HIV: An Analysis of Open-Ended Questions. Poster presentation at the College on Problems of Drug Dependence 2021 Scientific Virtual Meeting, June 2021.

24. Vaddiparti K, Crump C, Zhou Z, **Wang Y**, Williamson J, Cook RL. Does Medical Marijuana Help Improve Sleep and Symptoms of Post-Traumatic Stress Disorder? Evidence From a Pilot Study. Poster presentation at the College on Problems of Drug Dependence 2021 Scientific Virtual Meeting, June 2021.

25. Richards VL, Liu Y, Orr J, Leeman R, Barnett N, Bryant K, Cook RL, **Wang Y**. HIV Status is Not Significantly Associated with Greater Transdermal Alcohol Concentrations at Similar Levels of Self-Reported Alcohol Use. Poster presentation at the 44th Annual RSA Scientific Meeting / ISBRA Congress, virtual, June 2021

26. Parisi CE, Richards VL, **Wang Y**, Cohen RA, Govind V, Dévieux J, Cook RL. Comparison of Phosphatidylethanol in whole blood with self-reported alcohol use in men and women living with and without HIV. Poster presentation at the 44th Annual RSA Scientific Meeting / ISBRA Congress, virtual, June 2021

27. Sajdeya R, Joseph,VW, Stetten NE, Ibanez, GE, **Wang Y**, Powell,LA, Somboonwit C, Corsi KF, Cook RL. Reasons for marijuana use and its perceived effectiveness in therapeutic and

recreational marijuana users among people living with HIV in Florida. Oral presentation at the 2021 Research Society on Marijuana Virtual Conference, July 23, 2021.

28. McMahon A*, Fechtel H, Varma D, **Wang Y**. Perceptions of medical marijuana effectiveness for health outcomes among adults initiating medical marijuana for chronic pain: A qualitative analysis. Poster presentation at the 2022 Annual Meeting of the American Geriatrics Society, Orlando FL, May 2022. (*MPH student)

29. McMahon A*, Fechtel H, Varma D, **Wang Y**. Perceived effectiveness of medical marijuana among adults with chronic pain: Findings from interview data in a three-month pilot study. Oral presentation at the 2022 Cannabis Clinical Outcomes Research Conference (CCORC), Orlando FL, May 2022. (*MPH student, received Top Abstract Award)

30. **Wang Y**, Jean-Jacques J, Li Z, Sibille K, Cook RL. Higher THC:CBD ratio associated with more side effects among middle-aged and older adults with chronic pain: Preliminary findings from an ecological momentary assessment (EMA) study. Poster presentation at the 2022 Annual Meeting of the American Geriatrics Society, Orlando FL, May 2022.

31. Richards VL, **Wang Y**, Porges EC, Gullett JM, Leeman RF, Zhou Z, Barnett NP, Cook RL. Using alcohol biosensors and biomarkers to measure changes in drinking: Correlations between transdermal alcohol concentration and phosphatidylethanol in a contingency management study. Poster accepted to the 45th annual Research Society on Alcoholism scientific meeting, Orlando FL, June 2022.

32. **Wang Y**, Richards VL, Leeman RF, Porges EC, Moradel Cano FN, Barnett NP, Kahler CW, Govind V, Devieux JG, Bryant KJ, Cohen RA, Cook RL. Drinking reduction after 30-day contingency management in perons with and without HIV: A comparison of self-report and biosensor-based outcomes. Poster presentation at the 45th annual Research Society on Alcoholism scientific meeting, Orlando FL, June 2022.

33. Jaffe AE, Ramirez JJ, **Wang Y**, Khan B, DiLillo D. Individual variability in alcohol myopia and event-specific prediction of blackouts. Poster presentation at the 45th annual Research Society on Alcoholism scientific meeting, Orlando FL, June 2022.

34. Parisi CE, Chichetto N, **Wang Y**, Bryant KJ, Widmeyer M, Cook RL. Past experiences and preferred future strategies to reduce alcohol use among people with HIV: Results from Wave III of the Florida Cohort. Poster presentation at the 45th annual Research Society on Alcoholism scientific meeting, Orlando FL, June 2022.

35. **Wang Y**, Sibille K, Li Z, Cook RL. Medical cannabis as a potential treatment for chronic pain: Findings from a 12-month pilot study. Oral presentation as part of a symposium at the 2022 6th Annual Meeting of the Research Society on Marijuana, Boston MA, July 2022.

36. Fechtel HJ, Sajdeya R, **Wang Y**, Spandau G, Goodin AJ, Winterstein AG, Cook RL. Medical Marijuana & Me (M3): Designing measures of medical marijuana dose in an observational study. Poster presentation at the 2022 6th Annual Meeting of the Research Society on Marijuana, Boston MA, July 2022.

37. Cook RL, **Wang Y**, Li Y, Sajdeya R, Britton M, Joseph V, Somboonwit C, Ibanez GE, Truver MT, Goldberger B. Quantifying cannabis flower use among persons with HIV (PWH) in Florida using timeline follow back (TLFB) and a urine biomarker. Oral presentation as part of a symposium at the 2022 6th Annual Meeting of the Research Society on Marijuana, Boston MA, July 2022.

38. Parisi C, **Wang Y**, Varma DS, Vaddiparti K, Ibanez GE, Cruz L, Cook RL. Changes in marijuana use frequency among people with HIV during the COVID-19 pandemic: A multi-methods exploration. Oral presentation as part of a symposium at the 2022 6th Annual Meeting of the Research Society on Marijuana, Boston MA, July 2022.

39. Britton MK, Porges EC, Cohen RA, **Wang Y**, Ibanez GE, Somboonwit C, Cook RL. Adolescent-onset cannabis use disorder is associated with greater self-reported apathy among adults living with HIV in Florida. Oral presentation as part of a symposium at the 2022 6th Annual Meeting of the Research Society on Marijuana, Boston MA, July 2022.

40. Varma DS, **Wang Y**, Ibanez GE, Fechtel HJ, Rajendran S, Lembo M, Somboonwit C, Cook RL. Perceived health effects of marijuana use among PLWH during COVID-19. Poster at the 2022 United States Conference on HIV/AIDS (USCHA), San Juan, PR, October 2022.
41. Barrow A, Richards VL, Leeman RF, Cook RL, Porges EC, Barnett NP, **Wang Y**. Comparison between transdermal alcohol concentration derived from a wrist-worn alcohol biosensorand breath alcohol concentration in a laboratory setting. Poster presentation at the 2023 Florida HIV Community, Provider & Researcher (CPR) Conference, Gainesville FL, United States, March 2023. (Receipient of Best Work-In-Progress Poster Presentation Award)
42. Britton MK, **Wang Y**, Govind V, Cohen RA, Porges EC, Cook RL. Pre-intervention drinks/month and hiv serostatus interactively predict cognitive change after 30-day alcohol contingency management. Poster presentation at the 46th annual Research Society on Alcoholism scientific meeting, Bellevue WA, June 2023.
43. DeFelice JS, Gullett JM, Richards VL, Cohen RA, Porges EC, Govind V, **Wang Y**, Zhou Z, Cook RL. Resting state functional connectivity alterations after reduction in heavy alcohol use in the brains of people living with HIV (PLWH). Poster presentation at the 46th annual Research Society on Alcoholism scientific meeting, Bellevue WA, June 2023.
44. Perez-Carreno JG, Cook RL, **Wang Y**, Vaddiparti K, Sajdeya R, Fechtel HJ, Lopez-Quintero C. Characterizing medical cannabis use among medical users in Florida using cannabis for sleep reasons and reporting poor sleep. Poster presentation at the College on Problems of Drug Dependence 2023 Scientific Meeting, Denver CO, June 2023.
45. Robinson KR, Cook RL, Fechtel HJ, Sajaya R, Spandau G, **Wang Y**. Demographic/Health Characteristics and Medical Marijuana Product Use Patterns among Individuals with and without Chronic Pain: Findings from a Statewide Survey. Poster presentation at the Society for Epidemiologic Research (SER) 2023 meeting, Portland, OR, June 2023.
46. Cook RL, Fechtel HJ, Sajdeya R, Spandau G, **Wang Y**. Factors associated with risk For cannabis use disorder among adults using medical marijuana In Florida. Poster presentation at the College on Problems of Drug Dependence 2023 Scientific Meeting, Denver CO, June 2023.

Invited Talks/Presentations

1. **Wang Y.** Young Investigator Roundtable at the Research Society on Alcoholism (RSA) 41st Annual Scientific Meeting, San Diego, CA, June 2018.
2. 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.
3. **Wang Y**. Real-time assessment of drinking behaviors: The potential of wrist-worn alcohol biosensor. NIH/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
4. **Wang Y**. Cannabis and health conditions: Current research evidence. As part of the Research & Medical Cannabinoids CME 2020, organized by The Medical Business Leaders Network, Feburary 29, Ocala, FL.
5. **Wang Y**. Medical marijuana and chronic pain in older adults: Current research evidence. Talk as part of the UF Aging and Integrative Pain Assessment and Management Initiative project, 2021, virtual talk, Jacksonville, FL.
6. **Wang Y**. Medical marijuana and chronic pain: Current research evidence and gaps, as part of the "Understanding Medical Marijuana and Its Potential Benefits and Harms in Patients with Chronic Pain" talk. The Medical Grand Rounds, University of Florida, Department of Medicine, March 24, 2021, Gainesville FL.

7. **Wang Y**. Medical marijuana as an alternative treatment for chronic pain: Review of current research evidence and findings from a 12-month pilot study. University of Florida, Department of Psychiatry, Research Lecture Series, April 16, 2021, Gainesville FL.
8. **Wang Y.** Laboratory and filed validation of a new generation wrist-worn alcohol biosensor. University of Nebraska-Lincoln, Rural Drug and Addiction Center, July 8, 2021
9. **Wang Y**. Assessing health behaviors and outcomes via technology: Smartphone apps and wearable sensors as examples. Invited talk at University of Central Florida, College of Nursing, February 18, 2022, virtual
10. **Wang Y**. Transdermal alcohol biosensors: Strengths and limitations in research application. Invited talk at University of California San Francisco, The Center for AIDS Prevention Studies (CAPS), March 2, 2022, virtual
11. **Wang Y**. Ecological momentary assessment (EMA) for measuring medical marijuana use and outcomes. Invited talk at at the 2022 Cannabis Clinical Outcomes Research Conference (CCORC), May 2022, Orlando FL.
12. **Wang Y**. Career development for doctoral students. Invited guest speaker at University Miami, PhD Professional Development Seminar, February 2023, virtual.
13. **Wang Y**. Leveraging mobile technology in substance use research and intervention: Opportunities and challenges. The Department of Health Education and Behavior, Community and Behavioral Science Seminar, Unvierstiy of Florida, April 2023, virtual.