

YANNING WANG, MS

Department of Health Outcomes and Biomedical Informatics
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EDUCATION

2015	University of Florida	MS	Epidemiology
2010	Northwestern Polytechnical University (PRC)	MS	Biomedical Engineering
2007	Northwestern Polytechnical University (PRC)	BS	Information Security Technology

ACADEMIC POSITIONS/EMPLOYMENT

2015 – Present	Data Management Analyst III Department of Health Outcomes and Biomedical Informatics College of Medicine, University of Florida
2015 – 2016	Statistical Research Coordinator III Department of Pathology, Immunology and Laboratory Medicine College of Medicine, University of Florida
2012 – 2015	Graduate Research Assistant Department of Epidemiology College of Public Health and Health Professions & College of Medicine University of Florida
2010 – 2012	Graduate Research Assistant Department of Occupational Therapy College of Public Health and Health Professions, University of Florida

PUBLICATIONS

Peer Reviewed Articles

1. Delcher C, **Wang Y**, Gusovsky AL, Benitez J. Health Equity, Invisible Disparities, and the Implications of Data Suppression: The Case of HIV/AIDS. *Health Affairs*. Submitted.
2. Dasgupta N, **Wang Y**, Bae J, Kinlaw AC, Chidgey BA, Cooper T, Delcher C. Inches, Centimeters, and Yards: Overlooked Definition Choices Inhibit Interpretation of Morphine Equivalence. *Clin J Pain*. 2021;37(8):565-574. doi:10.1097/AJP.0000000000000948
3. Anderson TL, Donnelly EA, Delcher C, **Wang Y**. Data Science Approaches in Criminal Justice and Public Health Research: Lessons Learned From Opioid Projects. *Journal of Contemporary Criminal Justice*. 2021;37(2):175-191. doi:10.1177/1043986221999858
4. Harris DR, Eisinger C, **Wang Y**, Delcher C. Challenges and Barriers in Applying Natural Language Processing to Medical Examiner Notes from Fatal Opioid Poisoning Cases. In: *2020 IEEE International Conference on Big Data (Big Data)*. ; 2020:3727-3736. doi:10.1109/BigData50022.2020.9378443

Yanning Wang, MS

5. Brown JR, Oh Gy, **Wang Y**, Slavova S, Delcher C, Dasgupta N, Freeman PR. Variation in Abuse-Deterrent Formulation Opioid Prescribing in California, Florida, and Kentucky in 2018. *The Journal of Rural Health*. doi:https://doi.org/10.1111/jrh.12496
6. Delcher C, **Wang Y**, Vega RS, et al. Carfentanil Outbreak - Florida, 2016-2017. *MMWR Morb Mortal Wkly Rep*. 2020;69(5):125-129. doi:10.15585/mmwr.mm6905a2
7. **Wang Y**, Delcher C, Li Y, Goldberger BA, Reisfield GM. Overlapping prescriptions of opioids, benzodiazepines, and carisoprodol: "Holy Trinity" prescribing in the state of Florida. *Drug and Alcohol Dependence*. 2019;205:107693. doi:10.1016/j.drugalcdep.2019.107693
8. Delcher C, Slavova S, **Wang Y**, Henry SG. Opioid Prescribing Before and After the Centers for Disease Control and Prevention's 2016 Opioid Guideline. *Annals of Internal Medicine*. 2019;170(8):581-582. doi:10.7326/L19-0053.
9. Park C, Choi H, Delcher C, **Wang Y**, Yoon YJ. Convex clustering analysis for histogram-valued data. *Biometrics*. 2019;75(2):603-612. doi:10.1111/biom.13004
10. Delcher C, **Wang Y**, Goodin A, Freeman PR, Reisfield GM. Rapid Expansion of the Opioid Ecosystem: National Implications for Prescriber-Pharmacist Communication. *American Journal of Preventive Medicine*. 2018;55(5):656-661. doi:10.1016/j.amepre.2018.05.003.
11. Perez NM, Jennings WG, **Wang Y**, Delcher C. Law Enforcement Officers' Perceptions of Florida's Prescription Drug Monitoring Program. *Journal of Contemporary Criminal Justice*. 2017;33(4):368-379. doi:10.1177/1043986217724291.
12. Delcher C, **Wang Y**, Young HW, Goldberger BA, Schmidt S, Reisfield GM. Trends in Florida's Prescription Drug Monitoring Program registration and utilization: Implications for increasing voluntary use. *J Opioid Manag*. 2017;13(5):283-289. doi:10.5055/jom.2017.0397.
13. Delcher C, Livingston M, **Wang Y**, Mowitz M, Maldonado-Molina M, Goldberger BA. Supply-Side Disruption in Cocaine Production Associated With Cocaine-Related Maternal and Child Health Outcomes in the United States. *Am J Public Health*. 2017;107(5):812-814. doi:10.2105/AJPH.2017.303708.
14. Delcher C, Chen G, **Wang Y**, Slavova S, Goldberger BA. Fatal poisonings involving propoxyphene before and after voluntary withdrawal from the United States' market: An analysis from the state of Florida. *Forensic Sci Int*. 2017;280:228-232. doi:10.1016/j.forsciint.2017.10.008.
15. Peterson AB, Gladden RM, Delcher C, Spies E, Garcia-Williams A, **Wang Y**, Halpin J, Zibbell J, McCarty CL, DeFiore-Hyrmer J, DiOrio M, Goldberger BA. Increases in Fentanyl-Related Overdose Deaths - Florida and Ohio, 2013-2015. *MMWR Morb Mortal Wkly Rep*. 2016;65(33):844-849. doi:10.15585/mmwr.mm6533a3.
16. Delcher C, **Wang Y**, Wagenaar AC, Goldberger BA, Cook RL, Maldonado-Molina MM. Prescription and Illicit Opioid Deaths and the Prescription Drug Monitoring Program in Florida. *Am J Public Health*. 2016;106(6):e10-e11. doi:10.2105/AJPH.2016.303104.
17. **Wang Y**, Cottler LB, Striley CW. Differentiating patterns of prescription stimulant medical and nonmedical use among youth 10-18 years of age. *Drug Alcohol Depend*. 2015;157:83-89. doi:10.1016/j.drugalcdep.2015.10.006.
18. Classen S, Velozo CA, Winter SM, Bédard M, **Wang Y**. Psychometrics of the Fitness-to-Drive Screening Measure. *OTJR: Occupation, Participation and Health*. 2015;35(1):42-52. doi:10.1177/1539449214561761.

Yanning Wang, MS

19. Delcher C, **Wang Y**, Maldonado-Molina M. Trends in Financial Barriers to Medical Care for Women Veterans, 2003–2004 and 2009–2010. *Prev Chronic Dis*. 2013;10. doi:10.5888/pcd10.130071.
20. Crizzle AM, Classen S, Lanford DN, Malaty IA, Okun MS, **Wang Y**, Wagle Shukla A, Rodriguez RL, McFarland NR. Postural/Gait and cognitive function as predictors of driving performance in Parkinson's disease. *J Parkinsons Dis*. 2013;3(2):153-160. doi:10.3233/JPD-120152.
21. Classen S, **Wang Y**, Winter SM, Velozo CA, Lanford DN, Bédard M. Concurrent criterion validity of the safe driving behavior measure: a predictor of on-road driving outcomes. *Am J Occup Ther*. 2013;67(1):108-116. doi:10.5014/ajot.2013.005116.
22. Classen S, **Wang Y**, Crizzle AM, Winter SM, Lanford DN. Predicting older driver on-road performance by means of the useful field of view and trail making test part B. *Am J Occup Ther*. 2013;67(5):574-582. doi:10.5014/ajot.2013.008136.
23. Classen S, **Wang Y**, Crizzle AM, Winter SM, Lanford DN. Gender differences among older drivers in a comprehensive driving evaluation. *Accid Anal Prev*. 2013;61:146-152. doi:10.1016/j.aap.2012.10.010.
24. Classen S, Monahan M, **Wang Y**. Driving characteristics of teens with attention deficit hyperactivity and autism spectrum disorder. *Am J Occup Ther*. 2013;67(6):664-673. doi:10.5014/ajot.2013.008821.
25. **Wang Y**. Cognitive behavior therapy for pediatric obsessive-compulsive disorder. *JAMA*. 2012;307(6):560; author reply 560-561. doi:10.1001/jama.2012.108.
26. Delcher C, **Wang Y**. Re: "Longitudinal health study of US 1991 Gulf War veterans: changes in health status at 10-year follow-up." *Am J Epidemiol*. 2012;175(5):473; author reply 473-474. doi:10.1093/aje/kwr499.

Books

1. Jennings WG, Perez N, Delcher C, **Wang Y**, eds. Opioid Prescribing Rates and Criminal Justice and Health Outcomes. *SpringerBriefs in Criminology*. Springer International Publishing; 2020:13-21. doi:10.1007/978-3-030-40764-3

Public Reports

1. Florida's 2019-2020 Prescription Drug Monitoring Program (PDMP) Annual Report
2. Florida's 2018-2019 Prescription Drug Monitoring Program (PDMP) Annual Report
3. Florida's 2017-2018 Prescription Drug Monitoring Program (PDMP) Annual Report
4. Florida's 2016-2017 Prescription Drug Monitoring Program (PDMP) Annual Report
5. Florida's 2015-2016 Prescription Drug Monitoring Program (PDMP) Annual Report
6. Florida's 2014-2015 Prescription Drug Monitoring Program (PDMP) Annual Report

Peer Reviewed Abstracts

1. Delcher C, **Wang Y**, Vega RS, Hvozdoovich JA, Chronister CW, Goldberger BA. A Carfentanil Outbreak in Florida, 2016. Proceedings of the 71st Annual Meeting of the American Academy of Forensic Sciences. Baltimore, MD, February 2019.

Yanning Wang, MS

2. Classen S, Velozo CA, Winter SM, **Wang Y**, Landford DN. Fitness-to-Drive Screening Measure for At-Risk Older Drivers. 93rd annual American Occupational Therapy Annual Conference. San Diego, CA, April 25-28, 2013.
3. Classen S, Landford DN, Malaty I, Okun MS, **Wang Y**, Rodriguez RL, McFarland N. Disease Severity Measures as Predictors of On-Road Pass/Fail Outcomes in Parkinson's Disease. 93rd annual American Occupational Therapy Annual Conference. San Diego, CA, April 25-28, 2013.
4. Crizzle AM, Classen S, **Wang Y**, Lanford DN, Malaty I, Rodriguez RL, McFarland NR, Okun MS. Indicators of disease severity as predictors of driving performance in Parkinson's disease. 16th International Congress of Parkinson's Disease and Movement Disorders. Dublin, Ireland, June 17-21, 2012.
5. **Wang Y**, Classen S, Velozo CA, Brumback B, Bédard M, Winter SM, Lanford DN. Construct Validity of the Safe Driving Behavior Measure. The Gerontological Society of America's 64th Annual Scientific Meeting. Boston, MA, November 18-22, 2011.

EDITORIAL ACTIVITIES

Peer Review Activities

Addiction

American Journal of Drug and Alcohol Abuse

American Journal of Health Behavior

American Journal of Public Health

American Journal of Preventive Medicine

Drug and Alcohol Review

JAMA

Journal of Substance Abuse Treatment

Occupational Therapy in Health Care

Pain Medicine

Pharmaceutical Medicine

Policing: An International Journal of Police Strategies & Management

Research and Reports in Forensic Medical Science

Ad Hoc Review of Proposals

Office of Justice Programs Grant

RESEARCH SUPPORT

2017 – 2020

Lead Analyst – *Better Intelligence Gathering for Public Safety and Public Health (BIGPUSH)*

Bureau of Justice Assistance, Department of Justice; 2017-PM-BX-K038

2016 – 2019

Lead Analyst – *Florida's Next Generation of Prescription Drug-Related Surveillance: Data into Insights that Enhance PDMP Best Practices*

Bureau of Justice Assistance, Department of Justice; 2016-PM-BX-K005

2017 – 2018

Lead Analyst – *Enhancing Florida's Prescription Drug Monitoring Program and Evaluating High-Risk Prescribing in Florida*

Florida Department of Health; 2015-PM-BX-0009

Yanning Wang, MS

- 2015 – 2016** **Lead Analyst** – *Seizing the Momentum: A Multidisciplinary Approach to Reduce Prescription Drug Abuse in Florida*
Florida Department of Health; 2013-PM-BX-0010
- 2012 – 2014** **Graduate Research Assistant** – *Youth Monitoring Program, National Monitoring of Adolescents Prescription Substances Study (N-MAPSS)*
Pinney Associates
- 2012** **Co-Investigator** – *Concussion Awareness in the Community: Outreach, Education, and Assessment*
University of Florida
- 2011 – 2012** **Graduate Research Assistant** – Validity and Usability of a Safe Driving Behaviors Measure for Older Adults
Florida Department of Transportation Project BDK77
- 2010 – 2012** **Graduate Research Assistant** – Validity and Usability of a Safe Driving Behaviors Measure for Older Adults: Strategy for Congestion Mitigation
Department of Transportation; CMS 00063055

TEACHING EXPERIENCE

1. Measuring and Analyzing Health Outcomes (Spring 2015, Fall 2015, Fall 2016)
Guest Lecturer – “Application of the Item Response Theory”
Department of Health Outcomes and Biomedical Informatics
University of Florida College of Medicine
2. Experimental and Quasi-experimental Research Designs for Community Settings (Spring 2017)
Guest Lecturer – “Visualizing Time Series Data”
Department of Health Outcomes and Biomedical Informatics
University of Florida College of Medicine
3. Principles of Epidemiology in Public Health (Fall 2012, Spring 2013)
Teaching Assistant
Department of Epidemiology
University of Florida College of Public Health and Health Professions & College of Medicine

HONORS AND AWARDS

1. Epidemiology Scholarship (2015)
Department of Epidemiology, College of Public Health and Health Professions
University of Florida
2. Bridging Public Health and Health Professions Student Collaboration Award (2012)
College of Public Health and Health Professions, University of Florida, USA
3. Chair of Epidemiology Travel Award (2011)
Department of Epidemiology, College of Public Health and Health Professions
University of Florida
4. Outstanding Research Award (2011)
Public Health and Health Professions Fair, University of Florida

Yanning Wang, MS

5. Best Presentation Award (2011)
Center for Multimodal Solutions for Congestion Mitigation Annual Student Conference
University of Florida
6. Graduate Assistantship (2010 - 2014)
University of Florida
7. Merit Student & First-Class Scholarship (2004 - 2006)
Northwestern Polytechnical University, PRC