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Associate Professor of Public Health

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EDUCATION

Institution and Location	Degree	Years	Field of Study
1) Indiana University Bloomington,	Postdoctoral Training	2014-2017	Public Health
2) Indiana University Bloomington	PhD	2011-2014	Health Behavior (Major) Neuroscience (Minor)
3) Indiana University Bloomington	MS	2009-2010	Health Promotion
4) People's Friendship University of Russia, Moscow, Russia	MD	1995-2002	General Medicine and Surgery

POSITIONS

- 1) Tenured Associate Professor, School of Human Sciences, College of Health and Human Sciences, Southern Illinois University Carbondale (since August 2025)
- 2) Associate Professor, School of Human Sciences, College of Health and Human Sciences, Southern Illinois University Carbondale (since July 2025)
- 3) Adjunct Professor, Department of Population Science and Policy, Southern Illinois University School of Medicine (2023 – 2024)
- 4) Assistant Professor, School of Human Sciences, College of Health and Human Sciences, Southern Illinois University Carbondale (2022 – 2025)
- 5) Associate Research Scientist (Full-Time), Institute for Research on Addictive Behavior, School of Public Health Bloomington, Indiana University (July-August 2022)
- 6) Faculty Affiliate, Indiana University Center for Rural Engagement (2020-2022)
- 7) Faculty Affiliate, Indiana University Center for Global Health (2021-2022)
- 8) Adjunct Lecturer, School of Public Health-Bloomington, Courses: B366 Community Health; H172 International Health and Social Issues; H174 Prevention of Violence in American Society (2019-2022)
- 9) Assistant Research Scientist (Full-Time), Institute for Research on Addictive Behavior, School of Public Health Bloomington, Indiana University (2017-2022)
- 10) Postdoctoral Research Fellow and Additional Instructor, School of Public Health Bloomington, Indiana University (2014-2017)
- 11) Associate Instructor (H180 Stress Prevention and Management, H263 Personal Health), School of Public Health Bloomington, Indiana University (2012-2014)

- 12) Research Assistant to Prof. Mohammad Torabi and Prof. David Lohrmann, School of Public Health Bloomington, Indiana University (2009-2014)
- 13) Teaching Assistant (Graduate Course: C591 Public Health Statistics), Applied Health Science, School of Public Health Bloomington, Indiana University (2010-2011)
- 14) Regional Epidemiologist/ Medical Officer Planning, Ampara, Sri Lanka (2007-2009)
- 15) Physician In Charge, Primary Care Hospital, Namaloya, Ampara, Sri Lanka (2006-2007)
- 16) Medical Resident, Obstetrics/Gynecology and Pediatrics, General Hospital Nuwaraeliya, Sri Lanka (2004-2005)

DOCTORAL DISSERTATION

Title: Accumulation of Obesogenic and Health-Promoting Behaviors in Young Adulthood: A Theory-Driven Analysis of Associations and Sequences. (Indiana University, 2014)

Major – Health Behavior; Minor – Neuroscience

Chairs: David Lohrmann and Mohammad Torabi, School of Public Health Bloomington.

HONORS AND AWARDS

- 1) 2025 Scholar of the Year Award, College of Health and Human Sciences, Southern Illinois University Carbondale (2025)
- 2) 2024 Early Career Faculty Scholar Excellence Award, College of Health and Human Sciences, Southern Illinois University Carbondale (2024)
- 3) Member, Six-Member Workgroup for Youth Opioid Prevention. Preventing Opioid Use and Overdose in School-Age Youth: Considerations from a National Workgroup of Prevention Experts. *High Intensity Drug Trafficking Areas (HIDTA) Program, The Office of National Drug Control Policy, The Executive Office of the President of the United States.* (2024)
- 4) Invited Expert Lecture: Future of Lay Citizen Response to the Opioid Overdose Crisis. 2023 *Annual Biomedical Research Conference for Minoritized Scientists (ABRCMS 2023), Phoenix, Arizona.* National Institute of General Medical Sciences (NIGMS) and American Society for Microbiology (ASM)
- 5) Publons Peer-Review Award (2018) – top 1% of reviewers in the field who performed the most verified pre-publication peer reviews on Publons for the year 2018.
- 6) Mohammad R. Torabi Scholarship (2012), School of Public Health Bloomington
- 7) Santosh Jain Endowed Memorial Scholarship (2011), Indiana University Graduate School
- 8) Donald Ludwig Scholarship in School Health (2010), School of Public Health Bloomington

POSITIONS AND MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

- 1) Chair, Communications Committee, Alcohol, Tobacco, and Other Drugs (ATOD) Section, American Public Health Association (APHA) – 2022-2025
- 2) Member, Addiction and the Family International Network (AFINet) – Since 2025
- 3) Member, American Public Health Association (APHA) – Since 2011
- 4) Member, American Academy of Health Behavior (AAHB) – 2016-2022

- 5) Member, American School Health Association (ASHA) – 2011-2022

CURRENT PROJECTS

- 1) Development and testing of a Mixed Reality Based Naloxone Training (ReviveXR) for laypersons and professionals. Role: Lead PI (funded by the Illinois Innovation Network)
- 2) Promoting the Integration of Primary and Behavioral Care (PIPBHC) Project Evaluation. Role: Co-PI (funded by the Illinois Department of Human Services)
- 3) Office of Firearm Violence Prevention RPSA Evaluator, Role: Co-PI (funded by the Illinois Department of Human Services, Lead PI Harvey Henson, STEM Center SIUC)
- 4) Social Perceptions Lab (in development for conducting community-based surveys and interviews as well as lab-based psychometric research that involve data collection from community members; Website: <https://citizens.siu.edu/> Email: citizens@siu.edu)
- 5) Population health effects of household purchase of alcohol, tobacco, and e-cigarettes: A geographical analysis of Nielsen-Kilts market data across the U.S., Role: Lead PI (funded by the Illinois Department of Public Health; Coordinator: Southern Illinois Healthcare)
- 6) Environmental Impacts of Vaping Study, SIUC, Role: Research Advisor (no funding)
- 7) Vaping Initiation, Continuation, Termination, or Resumption in Youth (VICTORY) Study, SIUC, Role: Lead PI (internally funded by CHHS for an undergraduate research assistant for promoting undergraduate research activity)

PUBLICATIONS IN PEER-REVIEWED JOURNALS (in reverse chronological order)

- 1) **Jayawardene WP**, Kumbalatar CD. A Comparative Analysis of Health Equity Keywords in Human- and AI-Generated Research Plans: The Good, the Bad, and the Ugly. *American Journal of Public Health*. [in review]
- 2) Kumbalatar CD, Johnson L, MacArthur M, Park M, **Jayawardene WP**. Factors Associated with Ever Vaping and Regular Vaping among Youth: Results from a College Survey. *Journal of American College Health*. [in review].
- 3) Kagaris R, Kumbalatar CD, **Jayawardene WP**. Vape Waste: Vaper Identity and its Effects on Perception, Pollution, and Proposed Solutions to a Growing Environmental Threat. *Archives of Environmental and Occupational Health*. [in review].
- 4) Albright DL, McDaniel JT, **Jayawardene WP**, Collins S, Robertson E, McIntosh S. A Social Determinants Fay-Herriot Model for Opioid Use Disorder in Medicaid. *Social Science and Medicine*. [in review].
- 5) McDaniel JT, Hunter-Johnson Y, Henson H, Robinson P, **Jayawardene WP**, Roberts D, McCowen P, McNeil DM, Brown D. Exploring workplace dynamics for veterans: Religiosity and its varied impact on moral injury in women. *New Horizons in Adult Education and Human Resource Development*. [in review].
- 6) Jamieson J, Abou-Jabal D, Johnson L, Dutta T, **Jayawardene WP**. Understanding the Vaping Perceptions, Habits, and Cessation Intent of Undergraduate Students at a Midwest Research Institution. *Pedagogy in Health Promotion*. [in review].

- 7) Kumbalatarata CD, Manietta L, Cortez D, **Jayawardene WP**. Trends and Seasonal Fluctuations in the Sales of Nicotine Replacement Therapy Products in the United States Before and After the Rise of Electronic Cigarettes, 2006-2020. *Journal of Smoking Cessation*. [accepted].
- 8) Chen CB, Killam LI, McComas AM, **Jayawardene WP**. Closing the Radon Gap: A Socioecological Approach to Addressing Social Determinants and Disparities in Testing Rates Across Illinois Cities and Towns. *Journal of Environmental Health*. 2025; 88(5), 8–14. DOI: <https://doi.org/10.70387/001c.154086>
- 9) Kumbalatarata CD, Manietta L, **Jayawardene WP**. Determinants of Youth Exposure to Nicotine-Containing Aerosols: Findings from a College Survey. *Journal of Xenobiotics*. 2025; 16(1), 3. DOI: <https://doi.org/10.3390/jox16010003>
- 10) Perera PB, Rannan-Eliya RP, Wijemunige N, Samarage S, Herath HMM, **Jayawardene WP**, Torabi MR. Epidemiology of alcohol use in Sri Lanka: Findings of the SLHAS national survey. *Global Epidemiology*. 2025; 10. DOI: <https://doi.org/10.1016/j.gloepi.2025.100222>
- 11) **Jayawardene WP**, Kumbalatarata CD, Kase M, Goodson A, Park A, Willett J, Barrows S, Bolinski R, Magnuson R. Development and Testing of a Self-Paced Virtual Reality-Based Naloxone Training. *Substance Use and Misuse*. 2025; 1–6. DOI: <https://doi.org/10.1080/10826084.2025.2560073>
- 12) Ibukun OS, Kumbalatarata CD, **Jayawardene WP**. Adolescent Perceptions and Use of E-Cigarettes as Smoking Cessation Tools and for Pleasure: Data Analysis from National Youth Tobacco Survey (NYTS), 2011, 2015, 2019, and 2023. *Societies*. 2025; 15(7): 201. DOI: <https://doi.org/10.3390/soc15070201>
- 13) **Jayawardene WP**, Kumbalatarata CD. Use of Hybrid Methods to Boost Response Rate in Surveys for Planning of Prevention Programming. *Sage Research Methods: Data and Research Literacy*. London: 2025. DOI: <https://doi.org/10.4135/9781036215828>
- 14) Kumbalatarata CD, Cortez D, **Jayawardene WP**. Chronic Pain Conditions and Over-the-Counter Analgesic Purchases in U.S. Households: An Analysis of Nielsen-Kilts Ailment and Consumer Panel Data (2023). *Psychoactives*. 2025; 4(2):18. DOI: <https://doi.org/10.3390/psychoactives4020018>
- 15) Manietta L, Drake W, **Jayawardene WP**. Comparative Analysis of Inflammatory and Heavy Metal Biomarkers in Exclusive E-Cigarette Users, Combustible Tobacco Users, and Non-Users Aged 18–30: A Cross-Sectional NHANES Analysis. *Journal of Xenobiotics*. 2025; 15(2):53. DOI: <https://doi.org/10.3390/jox15020053>
- 16) **Jayawardene WP**, Magnuson R, Kumbalatarata CD, Kase M, Park A, Goodson A, Barrows S, Bolinski R, Willett J. Usability of Mixed Reality for Naloxone Training: Iterative Development and Field Testing of ReviveXR. *Healthcare*. 2025; 13(12):1449. DOI: <https://doi.org/10.3390/healthcare13121449>
- 17) **Jayawardene WP**, Tran P, Dufner M, Kumbalatarata CD, McDaniel JT. Vaping Cessation Attempts and Intentions among Undergraduate Students: Insights into Interventions. *Journal*

of College Student Mental Health. 2025; 39(2): 349–364. DOI:
<https://doi.org/10.1080/28367138.2024.2365651>

- 18) Manietta M, Kumbalataru CD, Rhodes J, Jadalla H, **Jayawardene WP**. Preventing Underage Tobacco Access: A Cross-Sectional Study of Retailer Training in Southern Illinois. *Health Promotion Practice*. 2025; 0(0). DOI: <https://doi.org/10.1177/15248399241311842>
- 19) Kumbalataru CD, Park A, Rhodes J, McDaniel JT, **Jayawardene WP**. Neighborhood Disparities in Gun Violence in Chicago Metropolitan Area: A Spatial Analysis at Census Tract Level. *International Journal of Health Promotion and Disease Prevention*. 2024; 1(1): 18-26.
- 20) **Jayawardene WP**, Ortyl BK. The Effects of Family Type and SNAP Benefits on Childhood Obesity: An Analysis of the NSCH, 2020. *International Journal of Health Promotion and Disease Prevention*. 2024; 1(1): 4-13.
- 21) **Jayawardene WP**, Choi HJ, Kumbalataru CD, Ketuma J, McDaniel JT, Hecht M. Effects of Online Naloxone Training for Laypersons: An Extended-Baseline Assessment. *Substance Use and Misuse*. 2024; e-pub August. DOI:
<http://dx.doi.org/10.1080/10826084.2024.2392524>
- 22) Bivens M, **Jayawardene WP**. Scoring Tools Used to Assess and Treat Neonatal Abstinence Syndrome. *Journal of Womens Health Care and Management*. 2024; 5(1). DOI: <https://doi.org/10.47275/2692-0948-153>
- 23) **Jayawardene WP**, Kumbalataru CD, Jones A, McDaniel JT. Work Stress and Psychoactive Substance Use among Correctional Officers in the U.S. *Psychoactives*. 2024; 3(1), 65–77. DOI: <https://doi.org/10.3390/psychoactives3010005>
- 24) **Jayawardene WP**, Lohrmann DK, Agley JD, Jun MC, Gassman RA. Adverse Childhood Experience-Related Conditions and Substance Use in Adolescents: A Secondary Analysis of Cross-Sectional Survey Data. *Journal of School Health*. 2024; e-pub January 28. DOI: <https://doi.org/10.1111/josh.13429>
- 25) Hecht M, **Jayawardene WP**, Henderson C, Pezalla A, Flood-Grady E, Krieger JL, Frederick A, Parker MA, Ables E. Developing the Opioid Rapid Response System™ for Lay Citizen Response to the Opioid Overdose Crisis: A Randomized Controlled Trial. *Prevention Science*. 2023; e-pub September. DOI: <https://doi.org/10.1007/s11121-023-01588-0>
- 26) McDaniel JT, Redner R, **Jayawardene WP**, Haun J, Clapp J, Che D, Renzaglia K, Abou-Jabal D. Moral Injury is a Risk Factor for Substance Use and Suicidality Among US Military Veterans with and without Traumatic Brain Injury. *Journal of Religion and Health*. 2023; e-pub September. DOI: <https://doi.org/10.1007/s10943-023-01905-5>
- 27) **Jayawardene WP**, Johnston J, McDonnell J, Curran L, Huber L, Dickinson S, Chen X, Richards E, Carson A. ‘Tracking Together’ – Simultaneous Use of Human and Dog Activity Trackers: Results from a Factorial, Randomized Controlled Trial. *Journal of Physical Activity Research*. 2023; 8(1):56-62. DOI: 10.12691/jpar-8-1-10
- 28) Lartey ST, **Jayawardene WP**, Dickinson SL, Chen X, Gletsu-Miller N, Lohrmann DK. Evaluation of Unintended Consequences of COVID-19 Pandemic Restrictions and Obesity

Prevalence Among Youths. *JAMA Network Open*. 2023; 6(7). DOI: 10.1001/jamanetworkopen.2023.23596

- 29) **Jayawardene WP**, Parker MA, Blume C, McDaniel JT, Agley JD. Retailers' Perspectives on Underage Tobacco and Electronic Nicotine Delivery System (ENDS) Sales. *Health Education Journal*. 2023; 82(4): 415-429. DOI: <https://doi.org/10.1177/00178969231168496>
- 30) Alanazi AMM, Alqahtani MM, Alquaimi MM, Alotaibi TF, Algarni SS, Alonizi KM, Ismaeil TT, Gibson-Young L, **Jayawardene WP**. Epidemiological Associations of Asthma and Tobacco Use, Substance Use, and Substance Misuse among Adults in the United States. *Journal of Asthma*. 2022. DOI: <https://doi.org/10.1080/02770903.2022.2029480>.
- 31) Torabi MR, **Jayawardene WP**, Daniels DE, Dutta T, Lohrmann DK. Global Perspectives for Strengthening Health Education: A Mixed-Methods Study. *Health Behavior Research*. 2022; 5(3). DOI: <https://doi.org/10.4148/2572-1836.1119>
- 32) Saadeh R, **Jayawardene WP**, Lohrmann DK, YoussefAgha AH. Air Pollutants and Attention Deficit Hyperactivity Disorder Medication Administration in Elementary Schools. *Biomed Rep*. 2022 Sep 13; 17(5):85. DOI: <https://doi.org/10.3892/br.2022.1568>. PMID: 36185787; PMCID: PMC9500478.
- 33) **Jayawardene WP**, Pezalla A, Henderson C, Hecht M. Development of Opioid Rapid Response System: Protocol for a Randomized Controlled Trial. *Contemporary Clinical Trials*. 2022 Apr; 115:106727. DOI: 10.1016/j.cct.2022.106727. Epub 2022 Mar 13. PMID: 35296414; PMCID: PMC9427328.
- 34) Alanazi AMM, Alqahtani MM, Alquaimi MM, Alotaibi TF, Algarni SS, Ismaeil TT, Alanazi TT, Alasmari MM, Alhuthail AA, Alasmari AM, Gibson-Young L, **Jayawardene WP**. Substance Use and Misuse among Adults with Chronic Obstructive Pulmonary Disease in the United States, 2015-2019: Prevalence, Association, and Moderation. *International Journal of Environmental Research and Public Health*. 2022; 19(1), 408. DOI: doi.org/10.3390/ijerph19010408
- 35) Antwi GO, Lohrmann DK, **Jayawardene WP**. Association between Cancer Risk Perception and Cigarette Smoking Among U.S. Adults. *Journal of Alcohol and Drug Education*. 2021; 65(2), 22.
- 36) Pezalla A, Henderson C, **Jayawardene WP**, Hecht M. (2021). Recruitment approaches in an opioid intervention: A case study in rural America. *Academia Letters*. 2021; Article 3003. DOI: <https://doi.org/10.20935/AL3003>.
- 37) Kummer AG, Davis-Ajami ML, Arce B, Hartlieb K, Dickinson S, Lilian Golzarri-Arroyo L, Olcott CO, Faith M, **Jayawardene WP**. 'eatNplay' - A Rurally-Tailored, Family-Based, Telehealth Intervention for Childhood Obesity: Protocol for a Mixed-Methods Randomized Newsletter Controlled Pilot Study. *Contemporary Clinical Trials*. 2021; Oct;109: 106542. PMID: 34403780. DOI: 10.1016/j.cct.2021.106542
- 38) Vorland CJ, Brown AW, Dawson JA, Dickinson SL, Golzarri-Arroyo L, Hannon BA, Heo M, Heymsfield SB, **Jayawardene WP**, Kahathuduwa CN, Keith SW, Oakes JM, Tekwe CD, Thabane L, Allison DB. Errors in the implementation, analysis, and reporting of

- randomization within obesity and nutrition research: a guide to their avoidance. *International Journal of Obesity*. 2021; 45, 2335–2346. DOI: <https://doi.org/10.1038/s41366-021-00909-z>
- 39) Agley JD, Xiao Y, **Jayawardene WP**, Gay A, King R, Horne K, Walker R. HIV/AIDS and Substance Use Prevention for African-American Young Adults: Field Evaluation of ‘Color it Real’. *SAGE Open*. 2021; 11(2): 1-8. DOI: <https://doi.org/10.1177/21582440211019734>
- 40) **Jayawardene WP**, Huber L, McDonnell J, Curran L, Larson S, Dickinson S, Chen X, Pena E, Carson A, Johnston J. ‘Tracking Together’ – Simultaneous Use of Human and Dog Activity Trackers: Protocol for a Factorial, Randomized Controlled Pilot Trial. *International Journal of Environmental Research and Public Health*. 2021; 18(4):1561. DOI: <https://doi.org/10.3390/ijerph18041561>
- 41) Agley JD, Jun M, Eldridge L, Agley DL, Xiao Y, Sussman S, Golzarri-Arroyo L, Dickinson SL, **Jayawardene WP**, Gassman RA. Effects of ACT Out! Social Issue Theater on Social-Emotional Competence and Bullying in Youth and Adolescents: Cluster Randomized Controlled Trial. *JMIR Mental Health*. 2021; 8(1): e25860. DOI: 10.2196/25860
- 42) Antwi GO, Lohrmann DK, **Jayawardene WP**, Chow A, Obeng CS, Sayegh AM. Associations between Cigarette Smoking and Health-Related Quality of Life in Adult Survivors of Adolescent and Young Adult Cancer. *Journal of Cancer Education*. 2020. DOI: <https://doi.org/10.1007/s13187-020-01837-8>
- 43) Agley JD, Tidd D, Jun M, Eldridge L, Xiao Y, Sussman S, **Jayawardene WP**, Agley DL, Gassman RA, Dickinson SL. Developing and validating a novel anonymous method for matching longitudinal school-based data. *Educational and Psychological Measurement*. 2021; 8(1). DOI: <https://doi.org/10.1177/0013164420938457>
- 44) Antwi GO, Lohrmann DK, **Jayawardene WP**, Obeng CS. Prevalence and Correlates of Electronic Cigarette Use among U.S. Adult Survivors of Adolescent and Young Adult Cancer. *Annals of Epidemiology and Public Health*. 2020; 3(1): 1016
- 45) Agley JD, **Jayawardene WP**, Jun MC, Agley DL, Gassman RA, Sussman S, Xiao Y, Dickinson SL. Effects of the ACT OUT! Social Issue Theater Program on Social-Emotional Competence and Bullying in Youth and Adolescents: Study Protocol for a Cluster, Randomized Controlled Trial. *JMIR Research Protocols*. 2020; 9(4): e17900. DOI: [doi:10.2196/17900](https://doi.org/10.2196/17900)
- 46) **Jayawardene WP**, Dickinson S, Agley DL. Secondary Analysis of Diverse Datasets for Identifying Obesity Intervention Candidate Schools in the Absence of Student Anthropometric Data (pedagogical article). *SAGE Research Methods*. 2020. DOI: <https://dx.doi.org/10.4135/9781529710731>
- 47) **Jayawardene WP**, Torabi MR, Lohrmann DK, YoussefAgha AH. Mammography Social Support for Women Living in a Midwestern City: Toward Screening Promotion via Social Interactions. *Health Behavior Research*. 2019; 2(4) Special Issue on Mentorship. DOI: <https://doi.org/10.4148/2572-1836.1067>

- 48) Gassman R, Dutta T, Agley J, **Jayawardene WP**, Jun M. Social Media Outrage in Response to a School-Based Substance Use Survey: A Qualitative Analysis. *Journal of Medical Internet Research*. 2019; 21(9):e15298. DOI: doi:10.2196/15298
- 49) Brown AW, Altman D, Baranowski T, Bland JM, Dawson JA, Dhurandhar NV, Dowla S, Fontaine KR, Gelman A, Heymsfield SB, **Jayawardene WP**, Keith SW, Kyle TK, Loken E, Oakes JM, Stevens J, Thomas DM, Allison DB. Childhood Obesity Intervention Studies: A Guide for Authors, Editors, Reviewers, Journalists, and Readers to Guard Against Exaggerated Effectiveness Claims. *Obesity Reviews*. 2019; 20(11): 1523-1541. DOI: <https://doi.org/10.1111/obr.12923>
- 50) Meyerson BE, Agley JD, **Jayawardene WP**, Eldridge LA, Arora P, Smith C, Vadiiei N, Kennedy A, Moehling T. Feasibility and Acceptability of a Proposed Pharmacy-Based Harm Reduction Intervention to Reduce Opioid Overdose, HIV and Hepatitis C. *Research in Social and Administrative Pharmacy*. 2019. DOI: <https://doi.org/10.1016/j.sapharm.2019.08.026>
- 51) **Jayawardene WP**, Brown AW, Dawson JA, Kahathuduwa CN, McComb B, Allison DB. Letter to the Editor: Conditioning on Study is Essential for Valid Inference when Combining Individual Data from Multiple Randomized Controlled Trials: Comment on and Request for Corrected Analyses in “School-Based Weight Management Program Curbs Summer Weight Gain among Low-Income Hispanic Middle School Students. *J Sch Health*. 2019; 89(1), 59-67.” *Journal of School Health*. 2019; 89(7):515-516. DOI: <https://doi.org/10.1111/josh.12777>
- 52) Antwi GO, **Jayawardene WP**, Lohrmann DK, Mueller EL. Physical Activity and Fitness among Pediatric Cancer Survivors: A Meta-Analysis of Observational Studies. *Supportive Care in Cancer*. 2019; 27(9): 3183–3194. DOI: <https://doi.org/10.1007/s00520-019-04788-z>
- 53) **Jayawardene WP**, Torabi MR, Pinar S, Xun P, Ozer MK. Obesity Perception Survey Among Youth in Turkey: Instrument Development and Test-Retest Reliability. *Turkish Journal of Medical Sciences*. 2019; 49(4): 1228-1235. DOI: 10.3906/sag-1811-56
- 54) **Jayawardene WP**, Carter G, Agley JD, Meyerson BE, Garcia J, Miller W. Interplay of agency, community, and attitudinal factors in uptake of HIV pre-exposure prophylaxis by advanced practice nurses: A structural equation model. *Journal of Advanced Nursing*. 2019; 75(11): 2559-2569. DOI: 10.1111/jan.14019
- 55) Carter G, **Jayawardene WP**, Agley JD, Garcia J, Miller W, Sherwood-Laughlin C, Meyerson BE. Development of a 10-item Tool to Identify APN Readiness to Prescribe Pre-Exposure Prophylaxis. *Journal of the Association of Nurses in AIDS Care*. 2019; 30(3): 312-320. DOI: 10.1097/JNC.0000000000000038
- 56) Antwi GO, Lohrmann DK, **Jayawardene WP**, Chow A, Obeng CS, Sayegh AM. Associations between E-Cigarette and Combustible Cigarette Use among U.S. Cancer Survivors: Implications for Research and Practice. *Journal of Cancer Survivorship*. 2019; 13(2): 316–325. DOI: <https://doi.org/10.1007/s11764-019-00753-1>
- 57) Meyerson BE, Dinh PC, Agley JD, Hill BJ, Motley DN, Carter GA, **Jayawardene WP**, Ryder PT. Predicting Pharmacist Dispensing Practices and Comfort Related to Pre-exposure

- Prophylaxis for HIV Prevention (PrEP). *AIDS and Behavior*. 2019; 23(7): 1925–1938. DOI: <https://doi.org/10.1007/s10461-018-02383-7>
- 58) Dutta T, Haderxhanaj L, Agley JD, **Jayawardene WP**, Meyerson BE. Association between Individual and Intimate Partner Factors and Cervical Cancer Screening in Kenya. *Preventing Chronic Disease*. 2018; 15:180182. DOI: <https://doi.org/10.5888/pcd15.180182>.
- 59) **Jayawardene WP**, Dickinson S, Lohrmann DK, Agley JD. Arm Circumference to Height Ratio as a Situational Alternative to BMI Percentile in Assessing Obesity and Cardiometabolic Risk in Adolescents. *Journal of Obesity*. 2018: 7456461. DOI: 10.1155/2018/7456461
- 60) Meyerson BE, Agley JD, Davis A, **Jayawardene WP**, Hoss A, Shannon DJ, Ryder PT, Ritchie R, Gassman R. Predicting pharmacy naloxone stocking and dispensing following a statewide standing order, Indiana 2016. *Drug and Alcohol Dependence*. 2018; 188: 187-192 DOI: 10.1016/j.drugalcdep.2018.03.032
- 61) **Jayawardene WP**, Nilwala DC, Antwi GO, Lohrmann DK, Torabi MR, Dickinson S. Regression-Based Prediction of Seeking Diabetes-Related Emergency Medical Assistance by Regular Clinic Patients in Sri Lanka. *International Journal of Diabetes in Developing Countries*. 2018; 38(2): 209-215. DOI: 10.1007/s13410-017-0578-x
- 62) Lohrmann DK, **Jayawardene WP**, Torabi MR. Factors Associated With Changes in Fruit Intake during Young Adulthood: A Classification and Regression Tree Analysis of Longitudinal Data. *Journal of Nutrition Education and Behavior*. 2017. PMID: 28318873 DOI: 10.1016/j.jneb.2017.01.017
- 63) **Jayawardene WP**, Erbe RG, Lohrmann DK, Torabi MR. Use of Treatment and Counseling Services and Mind-Body Techniques by Students Experiencing Difficulties with Concentration, Emotions, and Behaviors. *Journal of School Health*. 2017; 87(2): 133-141. PMID: 28076919. DOI: 10.1111/josh.12475
- 64) **Jayawardene WP**, Lohrmann DK, Dickinson S, Talagala S, Torabi MR. Clinical Measures of Obesity and Cumulative Cardiometabolic Risk in Adolescents. *Clinical Obesity*. 2017; 7(1):11-21. PMID: 28028931. DOI: 10.1111/cob.12171
- 65) **Jayawardene WP**, Lohrmann DK, Erbe RG, Torabi MR. Effects of Preventive Online Mindfulness Interventions on Stress and Mindfulness: A Meta-Analysis of Randomized Controlled Trials. *Preventive Medicine Reports*. 2017; 5: 150-159. PMID: 28028931. DOI: 10.1016/j.pmedr.2016.11.013
- 66) **Jayawardene WP**, Lohrmann DK, Dickinson S, Torabi MR. Population-Level Measures to Predict Obesity Burden in Public Schools: looking upstream for midstream actions. *American Journal of Health Promotion*. 2016; 32(3). PMID: 27708069. DOI: 10.1177/0890117116670305
- 67) **Jayawardene WP**, Torabi MR, Lohrmann DK. Exercise in Young Adulthood with Simultaneous and Future Changes in Fruit and Vegetable Intake. *Journal of the American College of Nutrition*. 2015: 1-9. PMID: 26251968. DOI: 10.1080/07315724.2015.1022268

- 68) Agley J, Gassman R, YoussefAgha A, Jun M, Torabi M, **Jayawardene W**. Examining Sequences of Adolescent Substance Use Initiation Involving Over-the-Counter (OTC) Drug Abuse. *Journal of Child & Adolescent Substance Abuse*. 2015; epub:1-8. DOI: 10.1080/1067828X.2013.812528
- 69) **Jayawardene WP**, Lohrmann DK, YoussefAgha AH. Discrepant Body Mass Index: Behaviors Associated with Height and Weight Misreporting among US Adolescents from the National Youth Physical Activity and Nutrition Study. *Childhood Obesity*. 2014; 10(3): 225-233. PMID: 24828965. DOI: 10.1089/chi.2014.0002
- 70) Lohrmann DK, YoussefAgha AH, **Jayawardene WP**. Trends in BMI and Prevalence of Extreme High Obesity among Pennsylvania Children and Adolescents, 2007-2011: promising but cautionary. *American Journal of Public Health*. 2014; 104(4): e62-8. PMID: 24524514. DOI: 10.2105/AJPH.2013.301851
- 71) **Jayawardene WP**, YoussefAgha AH. Multiple and Substitute Addictions Involving Prescription Drugs among Twelfth Graders: gateway model revisited with market basket analysis. *Journal of Addiction Medicine*. 2014; 8(2): 102-110. PMID: 24440894. DOI: 10.1097/ADM.0000000000000012
- 72) **Jayawardene WP**, YoussefAgha AH, LaJoie S, Torabi MR. Psychological Distress among Nurses Caring for War-Victims in Sri Lanka. *Disaster Medicine and Public Health Preparedness*. 2013; 7(3): 278-286. PMID: 21606212. DOI:10.1001/dmp.2011.36
- 73) **Jayawardene WP**, YoussefAgha AH, Lohrmann DK, El Afandi GS. Prediction of Asthma Exacerbations among Children through Integrating Air Pollution, Upper-Air, and School Health Surveillances. *Allergy and Asthma Proceedings*. 2013; 34(1):1-8. PMID: 23406925. DOI: 10.2500/aap.2013.34.3629
- 74) YoussefAgha, AH, Lohrmann, DK, **Jayawardene, WP**. Use of Data Mining to Reveal Body Mass Index (BMI): patterns among Pennsylvania schoolchildren, Pre-K to Grade 12. *Journal of School Health*. 2013; 83(2), 85-92. PMID: 23331267. DOI: 10.1111/josh.12002
- 75) **Jayawardene WP**, YoussefAgha AH, Lohrmann DK. Upper-Air Observation Indicators Predict Outbreaks of Allergies among Elementary School Children: integration of daily environmental and school health surveillance systems in Pennsylvania. *International Journal of Child and Adolescent Health*. 2013; 6(2), 177-189
- 76) YoussefAgha AH, **Jayawardene WP**, Lohrmann DK, El Afandi GS. Application of Data Mining Techniques to Predict Allergy Outbreaks among Elementary School Children: integration of hourly air pollution, bi-daily upper-air, and daily school health surveillance systems in Pennsylvania. *Journal of Communication and Computer*. 2013; 10(4), 451-460
- 77) YoussefAgha AH, Lohrmann DK, **Jayawardene WP**, Lorenzen-Huber L. Public Concerns and Projected Repercussions of Health Care Reform Using Simulation. *Journal of Communication and Computer*. 2013; 10(3), 409-415
- 78) YoussefAgha AH, **Jayawardene WP**, Obeng S, Lohrmann DK. A Content Analysis of Online News Media Reporting on American Health Care Reform. *Journal of Communication and Computer*. 2013; 10(2), 160-168

- 79) YoussefAgha AH, **Jayawardene WP**, Lohrmann DK. Hepatitis B and C among Northeast African Refugees in the United States: the need for screening, immunization, and follow-up. *The International Journal of Health, Wellness and Society*. 2013; 2(3), 101-110
- 80) YoussefAgha AH, **Jayawardene WP**, Lohrmann DK, El Afandi GS. Air Pollution Indicators Predict Outbreaks of Asthma Exacerbations among Elementary School Children: integration of daily environmental and school health surveillance systems in Pennsylvania. *Journal of Environmental Monitoring*. 2012; 14 (12), 3202 – 3210. PMID: 23147442. DOI: 10.1039/c2em30430a
- 81) YoussefAgha AH, Lohrmann DK, **Jayawardene, WP**, El Afandi GS. Upper-Air Observation Indicators Predict Outbreaks of Asthma Exacerbations among Elementary School Children: integration of daily environmental and school health surveillance systems in Pennsylvania. *Journal of Asthma*. 2012; 49(5):464-73. PMID: 22574718. DOI: 10.3109/02770903.2012.677896
- 82) YoussefAgha AH, Maffini C, **Jayawardene WP**, Perez-Medina E, Torabi MR. Barriers Contributing to Health Disparities among Latinos in the United States. *The International Journal of Health, Wellness and Society*. 2012;1(4):163-178.
- 83) **Jayawardene WP**, YoussefAgha AH, Mattar S, Labib N, Torabi MR. Differential Characteristics of Diabetes Epidemic across Global Regions. *The International Journal of Health, Wellness and Society*. 2012;1(4):61-78.
- 84) **Jayawardene WP**, Lohrmann DK, YoussefAgha AH, Nilwala DC. Prevention of Dengue Fever: an exploratory school-community intervention involving students empowered as change agents. *Journal of School Health*. 2011;81(9):566-573. PMID: 21831070. DOI: 10.1111/j.1746-1561.2011.00628.x
- 85) Heaven C, Morales N, Luegers A, YoussefAgha AH, **Jayawardene WP**. Primary Prevention of Diabetes in the Middle East and North Africa Region: an ecological perspective. *The International Journal of Health, Wellness and Society*. 2011;1(2):87-100

PROFESSIONAL CONFERENCE PRESENTATIONS (in reverse chronological order)

- 1) Manietta L, Fafoglia K, **Jayawardene WP**. Launch of the 988 Suicide & Crisis Lifeline and Emergency-Department Visits for Suspected Suicide Attempts in the United States: A 2018-2025 Interrupted-Time-Series Analysis. *2025 Annual Meeting and Expo of the American Public Health Association (APHA), Washington, DC*. Poster presentation [11/03/2025].
- 2) Kumbalatar CD, Park A, Magnuson R, **Jayawardene WP**. VeNT: Using Mixed Reality to Build Trust and Save Lives in the Opioid Crisis. *Illinois Public Health Association (IPHA) 84th Annual Public Health Workforce Conference, Bloomington-Normal, IL*. Poster presentation [9/10/2025-9/11/2025]
- 3) **Jayawardene WP**, Magnuson R, Kumbalatar CD, Kase M. Virtual lifeline: Revolutionizing Overdose Response with VR Training. *Annual Meeting and Expo of the American Public Health Association (APHA), Washington, DC; Film Festival*. Documentary Film [11/02/2025-11/05/2025].

- 4) Kumbalatarata CD, Manietta L, Cortez D, **Jayawardene WP**. Seasonal Trends and Sales Patterns of Nicotine Replacement Therapy (NRT) Products in the U.S. Before and After the Emergence of E-Cigarettes, 2006-2020. *2025 Annual Meeting and Expo of the American Public Health Association (APHA), Washington, DC*. Oral presentation [11/04/2025].
- 5) Kumbalatarata CD, Cortez D, **Jayawardene WP**. Pain Conditions and Household Expenditures on Painkillers: An Analysis of Over-the-Counter Purchases and Ailments Data from U.S. Households. *2025 Annual Meeting and Expo of American Public Health Association (APHA), Washington DC*. Oral presentation [11/04/2025].
- 6) Jadalla H, Kumbalatarata CD, **Jayawardene, WP**. Preventing Underage Tobacco Access: Retailer Training and Compliance in Southern Illinois. *2025 National Conference on Tobacco or Health (NCTOH 2025), Chicago, IL*. Poster presentation [08/26/2025].
- 7) **Jayawardene WP**, Kase M, Carr D, Kumbalatarata CD, Magnuson R, Hecht M. Self-Paced, Technology-Based Interventions for Lay Citizen Response to the Opioid Overdose Crisis. *2025 Conference of Advances in Addiction Medicine and Mental Health (AMMH) and Neurology and Neurological Disorders (Virtual Joint Event), Berlin, Germany*. Oral presentation [06/23/2025]
- 8) **Jayawardene WP**, Kumbalatarata CD, Willett J, Magnuson R. Empowering Bystanders: A Mixed Reality-Based Naloxone Training to Enhance Overdose Response Skills in Diverse Community Settings. *2025 Conference of Addiction and the Family International Network (AFINet), Université Laval, Quebec City, Canada*. Poster presentation [05/23/2025]
- 9) Manietta L, **Jayawardene WP**. Insurance Type and Mental-Health Outcomes Among Adults with Any Mental Illness: Disparities in Distress, Suicidality, and Functional Impairment. *2025 Annual Meeting of the American Psychiatric Association (APA), Los Angeles, CA*. Poster presentation [05/18/2025]
- 10) Carr DL, **Jayawardene WP**, Hecht M, Choi HJ. The Opioid Rapid Response System: A Life-Saving, 17-Minute Training Developed to Increase Knowledge and Self-Efficacy for Opioid Overdose Response and Nasal Naloxone Administration. *NIAID 2024 Meeting: Advances in Developing Medical Countermeasures Against Opioids and Drug-Induced Respiratory Depression, Rockville, MD*. Poster presentation [12/17/2024]
- 11) Kumbalatarata CD, Park A, McDaniel JT, Rhodes J, **Jayawardene WP**. Neighborhood disparities in gun violence in Chicago Metropolitan Area: A spatial analysis at census tract level. *83rd Annual Meeting and Conference of Illinois Public Health Association (IPHA), Springfield, IL*. Poster presentation [11/19/2024].
- 12) **Jayawardene WP**, Kumbalatarata C. Relationship between emergency response times and fatal opioid overdoses: A county-level analysis of Illinois data. *2024 Annual Meeting and Expo of American Public Health Association (APHA), Minneapolis, MN*. Oral presentation [10/30/2024]
- 13) **Jayawardene WP**, Antwi G, Kumbalatarata C, Tran P. Blood and urine biomarkers after secondhand vape exposure in indoor environment: An analysis of a nationally representative

sample. *2024 Annual Meeting and Expo of American Public Health Association (APHA), Minneapolis, MN*. Poster presentation [10/27/2024]

- 14) **Jayawardene WP**, Magnuson R, Kumbalataru CD, Kase M, Goodson A, Park A, Lukes T, Willett J, Bolinski R, Barrows S. Developing and testing the virtual reality embedded naloxone training (VENT) for layperson response to the opioid overdose crisis. *2024 Annual Meeting and Expo of American Public Health Association (APHA), Minneapolis, MN*. Oral presentation [10/29/2024]
- 15) Kumbalataru CD, **Jayawardene WP**. Relationship between dieting and fasting practices and alcohol expenses in U.S. households: An analysis of NielsenIQ-Kilts consumer panel and ailment data. *2024 Annual Meeting and Expo of American Public Health Association (APHA), Minneapolis, MN*. Poster presentation [10/26/2024-10/30/2024 on demand]
- 16) Kumbalataru C, Park M, **Jayawardene WP**. Differential relationships of illicit substance use with work-related and recreational physical activity: An analysis of national health and nutrition examination survey. *2024 Annual Meeting and Expo of American Public Health Association (APHA), Minneapolis, MN*. Oral presentation [10/27/2024]
- 17) Kumbalataru C, Naliaka A, McDaniel J, **Jayawardene WP**. Underage sales of tobacco products and distance to the nearest school: A nationwide geographical analysis of data from retailer violations and public schools. *2024 Annual Meeting and Expo of American Public Health Association (APHA), Minneapolis, MN*. Accepted for poster presentation [10/28/2024]
- 18) Jadalla H, Kumbalataru C, **Jayawardene WP**. Vaping Cessation Attempts among Midwestern Undergraduates and Implications for Interventions. *2024 Illinois Public Health Association (IPHA) Community Health Worker (CHW) Summit, Springfield, Illinois*. Accepted for poster presentation. [08/22/2024].
- 19) Kumbalataru C, **Jayawardene WP**. Impact of Passive Smoking on Smoking Cessation Efforts: Results from National Health and Nutrition Examination Survey, 2017-2018. *1st Annual Dr. Lonnie E. Mitchell HBCU Conference on Health Promotion and Disease Prevention, Washington, D.C*. Oral Presentation. [04/04/2024]
- 20) Carr D, Hecht M, **Jayawardene WP**. Opioid Rapid Response System: Learning Outcomes and Participant Reactions. *Fifth Annual HEAL (Helping to End Addiction Long-term) Scientific Meeting for HEAL-Funded Researchers at NIH, Bethesda, Maryland*. National Institute on Drug Abuse (NIDA). Poster Presentation [02/07/2024].
- 21) **Jayawardene WP**. Future of Lay Citizen Response to the Opioid Overdose Crisis. *2023 Annual Biomedical Research Conference for Minoritized Scientists (ABRCMS 2023), Phoenix, Arizona*. National Institute of General Medical Sciences (NIGMS) and American Society for Microbiology (ASM). Invited Expert Lecture [11/17/2023].
- 22) Jadalla H, Manietta L, Kumbalataru C, Fulton L, Minchew K, Corner K, Bailey A, **Jayawardene WP**. Southern Illinois Tobacco Retailer Training Compliance Survey. *82nd Annual Conference of Illinois Public Health Association (IPHA), Oglesby, Illinois*. Oral Presentation. [09/07/2023].

- 23) **Jayawardene WP**, Mills D, Johnson L, Abou-Jabal D, Dufner M, Kumbalatara C. Vaping behaviors and cessation attempts among undergraduate students: A mixed methods study. *2023 Annual Conference of American Public Health Association (APHA), Atlanta, Georgia.* Poster Presentation [11/12/2023]
- 24) **Jayawardene WP**, Choi HJ, McDaniel JT, Hecht M. Effects of online naloxone training for laypersons: An extended-baseline assessment. *2023 Annual Conference of American Public Health Association (APHA), Atlanta, Georgia.* Poster Presentation [11/12/2023]
- 25) Kiefer K, **Jayawardene WP**. Veterans drug court. *2023 Annual Conference of American Public Health Association (APHA), Atlanta, Georgia.* Poster Presentation [11/12/2023]
- 26) **Jayawardene WP**, Kumbalatara C, McDaniel JT. Effects of work stress on substance use and eating behaviors among correctional officers in the U.S. *2023 Annual Conference of American Public Health Association (APHA), Atlanta, Georgia.* Roundtable Presentation [11/14/2023]
- 27) McDaniel JT, Redner R, **Jayawardene WP**, Haun J. The association of moral injury with substance use and suicidal behaviors: An examination of military veterans with and without traumatic brain injury. *2023 Annual Conference of American Public Health Association (APHA), Atlanta, Georgia.* Poster Presentation [11/12/2023]
- 28) Kumbalatara C, McDaniel J, **Jayawardene WP**. Adherence to Pre-Analytical Fasting Guidelines in a Nationally Representative Sample. *International Research Symposium iRuFARS-2023, University of Ruhuna, Sri Lanka.* Oral Presentation. [11/10/2023].
- 29) Kumbalatara C, McDaniel J, **Jayawardene WP**. Multiple and Substitute Addictions among Patients Admitted to Federal Substance Use Treatment Programs: A Market Basket Analysis of National Data. *International Research Symposium iRuFARS-2023, University of Ruhuna, Sri Lanka.* Oral Presentation. [11/10/2023].
- 30) Kumbalatara C, . Ketuma J, **Jayawardene WP**. Google Trend Analysis of Emerging and Long-Established Drugs in Sri Lanka. *International Research Symposium iRuFARS-2023, University of Ruhuna, Sri Lanka.* Poster Presentation. [11/10/2023].
- 31) **Jayawardene WP**, McDaniel JT. Treatment of Trauma and Substance Use Disorders: Correlation Across States. 17th Binghamton Symposium on Healthcare Management and Policy – Theme: International Conference on Disaster Management: Global Pandemic and Its Impact. *Binghamton University, State University of New York, New York.* Oral Presentation [01/27/2023].
- 32) McDaniel JT, Albright D, Redner R, **Jayawardene WP**. Disparities in Tobacco Use among Veterans Enrolled in Medicaid or Veterans Affairs. *23rd Annual Scientific Meeting of the American Academy of Health Behavior (AAHB), San Francisco, California.* Poster Presentation [03/13/2023].
- 33) Redner R, Seward R, McDaniel JT, & **Jayawardene W**. Evaluation of Extended Step it UP! Game in Adults with Disabilities. Association for Behavior Analysis International, Denver, Colorado. Poster Presentation [05/27-29/2023]

- 34) Henderson C, Aglely JD, **Jayawardene WP**, Hecht M. (2022,). Analyzing overdose education and naloxone distribution recruitment strategies [Poster presentation]. *2022 Annual Conference of American Public Health Association (APHA), Boston, Massachusetts*. Poster Presentation [11/06/2022].
- 35) Arce BR, Davis-Ajami ML, Ortyl B, Su M, Hartlieb K, Dickinson SL, Golzarri-Arroyo L, Olcott CO, Faith M, **Jayawardene WP**. ‘eatNplay’-A Family-Based, Telehealth Intervention for Childhood Obesity: A Mixed-Methods Randomized Newsletter-Controlled Pilot Study. *ObesityWeek 2022, The Obesity Society (TOS), San Diego, California*. Poster Presentation [11/04/2022].
- 36) McDonnel J, Johnston J, Huber L, Dickinson S, Chen X, Curran L, **Jayawardene WP**. ‘Tracking Together’—Simultaneous Use of Human And Dog Activity Trackers: A Factorial Randomized Controlled Trial. 2022 Annual Meeting of the American College of Sports Medicine (ACSM), San Diego, California. Oral Presentation [06/03/2022].
- 37) **Jayawardene WP**, Richards EA. Mental health status of undergraduate college students during the COVID-19 pandemic. *22nd Annual Scientific Meeting of the American Academy of Health Behavior (AAHB), Key Largo, Florida*. Poster Presentation. [03/13/2022]
- 38) McDonnel J, Johnston J, Huber L, Dickinson S, Chen X, Curran L, **Jayawardene WP**. ‘Tracking Together’— Simultaneous Use of Human and Dog Activity Trackers: Analysis of Activity Tracker Data from a Randomized Controlled Trial. *22nd Annual Scientific Meeting of the American Academy of Health Behavior (AAHB), Key Largo, Florida*. Poster Presentation. [03/13/2022]
- 39) Harnessing Evidence-Based Training and Technology among Community Members to Reverse Opioid Overdoses. Pezalla A, Henderson C, Hecht ML, **Jayawardene WP**. *2022 Rx Drug Abuse and Heroin Summit, Atlanta, Georgia*. Poster Presentation. [04/18/2022]
- 40) **Jayawardene WP**, Clark W, Aglely JD, Gassman RA, Jun M. Dose-Response Relationship between Adverse Childhood Experiences and Substance Use. *2021 Annual Conference of American Public Health Association (APHA)*. Virtual Roundtable. [10/25/2021]
- 41) Tran P, **Jayawardene WP**, DeSalle M. E-cigarettes Users’ Quit Methods and Interventions that may Facilitate Quitting. *52nd Annual Conference of the American Society of Addiction Medicine (ASAM)*, Virtual Presentation. [04/22/2021]
- 42) **Jayawardene WP**, Henderson C, Hecht ML, Pezalla A. Development of Opioid Rapid Response System: Protocol for a Randomized Controlled Trial. *29th Annual Conference of the Society for Prevention Research (SPR)*, Virtual Presentation. [06/03/2021].
- 43) **Jayawardene WP**, Kuebler S, Clark W, Dickinson SL, Alanazi AM, Aglely JD. Addiction Screening for Pregnant and Matched Non-Pregnant Women: Results from National Data. *2020 Annual Conference of American Public Health Association (APHA), Virtual*. Oral Presentation. [10/28/2020].
- 44) **Jayawardene WP**, Kosobud AE, Dickinson SL, Chen X. Endocrine Functions among Young, Healthy, Normal Weight Men: Comparison under Laboratory Fasting and

Standardized Feeding Conditions. *Global Endocrinology, Nutrition, and Metabolism Conference, Virtual*. Oral Presentation. [10/06/2020].

- 45) **Jayawardene WP**, Kosobud AE, Carter SJ, Dickinson SL, Chen X. Determining the Fasting Length in Time-Restricted Feeding: Analysis of Endocrine Function among Young, Healthy, Normal Weight, European Men. *Nutrition 2020 – American Society for Nutrition (ASN) Scientific Sessions and Annual Meeting, Virtual*. Abstract Presentation. [06/01/2020].
- 46) **Jayawardene WP**, Alanazi AM, Agley JD. Pregnancy-Associated Changes in Cigarette Preference among Reproductive Age Smokers. *20th Annual Scientific Meeting of the American Academy of Health Behavior (AAHB), Napa, California*. Poster Presentation. [03/08/2020].
- 47) Nolan R, Agley JD, **Jayawardene WP**. Collegiate Sleep Quality, Binge Drinking, and Substance Use: Testing One Thing, and Finding Another. *2019 Annual Conference of American Public Health Association (APHA), Philadelphia, Pennsylvania*. Oral Presentation [11/04/2019].
- 48) **Jayawardene WP**, Gassman RA, Jun M, Agley JD, Olcott CO. Relationship between Adverse Childhood Experiences and Adolescents' Substance Use by Demographics. *2019 Annual Conference of American Public Health Association (APHA), Philadelphia, Pennsylvania*. Oral Presentation [11/04/2019].
- 49) Agley JD, Xiao Y, **Jayawardene WP**, Gay A, King R. Evaluation of a Training-of-Trainers Protocol for 'Color it Real,' an Evidence-Based HIV and Substance Abuse Prevention Program for African American Young Adults. *2019 Annual Conference of American Public Health Association (APHA), Philadelphia, Pennsylvania*. Poster Presentation [11/05/2019].
- 50) Dutta T, Gassman R, Agley J, Jun M, King R, **Jayawardene WP**. Examining Public Concerns of a School-Based Health Behavior Survey: A Qualitative Analysis of Facebook Comments. *2019 Annual Conference of American Public Health Association (APHA), Philadelphia, Pennsylvania*. Poster Presentation [11/05/2019].
- 51) **Jayawardene WP**, Agley JD, Meyerson BE. Negative Correlation between County Population Density and Drug-Poisoning Deaths, 1999-2016. *50th Annual Conference of the American Society of Addiction Medicine (ASAM), Orlando, Florida*. Poster Presentation [04/06/2019].
- 52) Jun M, Nolan RD, Agley JD, **Jayawardene WP**, Agley DL, Gassman RA. Exploring the Degree to which Opioids, Gateway Drugs, and Vaping are Associated with Risk of Substance Use Disorders in Adolescent Substance Users Ages 12 to 18. *19th Annual Scientific Meeting of the American Academy of Health Behavior (AAHB), Greenville, South Carolina*. Poster Presentation [03/11/2019].
- 53) **Jayawardene WP**, Agley JD. Adjusted Differences in Nutrition and Exercise Behaviors between Asian and Other Immigrants. *2019 Health Information National Trends Survey (HINTS) Data Users Conference, National Cancer Institute, NIH campus, Bethesda, Maryland*. Poster Presentation [05/22/2019].

- 54) **Jayawardene WP**, Agley JD. Differential Communication of Alcohol's Effects in Healthcare Settings: Liver Disease and Weight Gain. *2019 Health Information National Trends Survey (HINTS) Data Users Conference, National Cancer Institute, NIH campus, Bethesda, Maryland*. Poster Presentation [05/22/2019].
- 55) Antwi GO, Lohrmann, **Jayawardene WP**. The association between Cancer Risk Perception and Cigarette Smoking and Physical Activity Behaviors in a Nationally Representative Sample of Adults. *2019 Health Information National Trends Survey (HINTS) Data Users Conference, National Cancer Institute, NIH campus, Bethesda, Maryland*. Poster Presentation [05/22/2019].
- 56) **Jayawardene WP**, Torabi MR, Pinar S, Xun P, Ozer MK. Obesity Perception Survey Among Youth in Turkey: Instrument Development and Test-Retest Reliability. *ObesityWeek 2018, The Obesity Society (TOS), Nashville, Tennessee*. Poster Presentation. [11/14/2018].
- 57) **Jayawardene WP**, Lohrmann DK, Torabi, MR, Agley JD. Within-State Crime Rates are Associated with Characteristics of Information Seeking after Mass Shootings that Occur Out-of-State. *2018 Annual Conference of American Public Health Association (APHA), San Diego, California*. Oral Presentation [11/12/2018].
- 58) Meyerson BE, Agley JD, Davis A, **Jayawardene WP**, Hoss A, Shannon DJ, Ryder PT, Ritchie K, Gassman R. Predicting Pharmacy Naloxone Stocking and Dispensing Following a Statewide Standing Order, Indiana 2016. *2018 Annual Conference of American Public Health Association (APHA), San Diego, California*. Poster Presentation [11/11/2018].
- 59) Antwi GO, **Jayawardene WP**, Agley JD, Jun M. Factors Associated with Electronic Vaping of Marijuana among College Students in Indiana. *Annual Retreat of Indiana Clinical and Translational Sciences Institute (CTSI), University of Notre Dame, South Bend, Indiana*. Poster Presentation [10/26/2018]
- 60) **Jayawardene WP**, Agley JD, Gassman R. Different Factors for Different Problems: Illicit Drug Dependence and Prescription Opiate Misuse. *International Conference on Opioids (ICOO 2018), Harvard Medical School, Boston, Massachusetts*. Poster Presentation [06/11/2018].
- 61) Carter GA, **Jayawardene WP**, Agley JD. Interplay of Agency, Community, and Attitudinal Factors Related to HIV Pre-Exposure Prophylaxis by Advanced Practice Nurses in Indiana: A structural equation model. *18th Annual Scientific Meeting of the American Academy of Health Behavior (AAHB), Portland, Oregon*. Poster Presentation [03/05/2018].
- 62) Agley JD, King RA, Gay A, **Jayawardene WP**, Horne K, Walker R. A pilot assessment of the outcomes of an HIV and substance use prevention program tailored for African-American young adults ages 18 to 24: 'Color it Real'. *18th Annual Scientific Meeting of the American Academy of Health Behavior (AAHB), Portland, Oregon*. Poster Presentation [03/05/2018].
- 63) Torabi, MR, **Jayawardene WP**, Antwi GO. Physical Activity and Fitness among Pediatric Cancer Survivors: A Meta-Analysis. *10th Annual World Cancer Congress, Barcelona, Spain*. Oral Presentation [05/19/2017].

- 64) Torabi MR, **Jayawardene WP**, Kay NS, Middlestadt SE. Mammography Social Support for Women Living in a US Midwestern City: toward screening promotion via personalized approaches. *International Union for Health Promotion and Education (IUHPE). World Conference on Health Promotion, Curitiba, Brazil*. Oral Presentation [05/23/2016].
- 65) **Jayawardene WP**, Torabi MR, Jayawardene DC, Lohrmann DK. Regression-Based Prediction of Seeking Diabetes-Related Emergency Medical Assistance by Regular Clinic Patients in Sri Lanka. *International Union for Health Promotion and Education (IUHPE). World Conference on Health Promotion, Curitiba, Brazil*. Poster Presentation [05/23/2016].
- 66) **Jayawardene WP**, Lohrmann DK, Torabi MR. Students' Use of Treatment and Counseling Services and Mind-Body Interventions: National Findings. *89th Annual Conference of American School Health Association, Orlando, Florida*. Poster presentation [10/15/2015].
- 67) **Jayawardene WP**, Lohrmann DK, Torabi MR. Body Mass Index Variations in Individuals from Adolescence to Adulthood. *2015 National Center for Health Statistics, CDC. National Conference on Health Statistics, North Bethesda, Maryland*. Poster presentation [08/25/2015].
- 68) **Jayawardene WP**, Lohrmann DK, Torabi MR. Clusters and Sequences of Obesogenic Behavioral Choices in Early Adulthood: a market basket analysis of prospective national data. *National Center for Health Statistics, CDC. 2015 National Conference on Health Statistics, North Bethesda, Maryland*. Poster presentation [08/26/2015].
- 69) **Jayawardene WP**, Lohrmann DK, Torabi MR. Exercise in Young Adulthood and Intake of Fruit and vegetables: Transfer as Co-Occurrence and Transfer as Carry-Over. *55th Annual Conference of American College of Nutrition, San Antonio, Texas*. Oral Presentation [10/17/2014].
- 70) YoussefAgha AH, **Jayawardene WP**, Lohrmann DK. Role of Social Media in Early Warning of Norovirus Outbreaks: a longitudinal twitter-based infoveillance. *WORLDCOMP'13 – Proceedings of 9th International Conference on Data Mining (DMIN'13), Las Vegas, Nevada*. Oral Presentation [07/24/2013].
- 71) YoussefAgha AH, **Jayawardene WP**, Lohrmann DK, El Afandi GS. Application of Data Mining Techniques to Predict Allergy Outbreaks among Elementary School Children: integration of hourly air pollution, bi-daily upper-air, and daily school health surveillance systems in Pennsylvania. *WORLDCOMP'12 – Proceedings of 8th International Conference on Data Mining (DMIN'12), Las Vegas, Nevada*. Oral Presentation [07/18/2012].
- 72) YoussefAgha AH, Lohrmann DK, **Jayawardene WP**, Lorenzen-Huber L. Public Concerns and Projected Repercussions of Health Care Reform Using Simulation. *WORLDCOMP'12 – 9th International Conference on Modeling, Simulation and Visualization Methods (MSV'12), Las Vegas, Nevada*. Oral Presentation [07/17/2012].
- 73) YoussefAgha AH, **Jayawardene WP**, Obeng S, Lohrmann DK. A Content Analysis of Online News Media Reporting on American Health Care Reform. *WORLDCOMP'12 – Proceedings of 8th International Conference on Data Mining (DMIN'12), Las Vegas, Nevada*. Oral Presentation [07/16/2012].

- 74) YoussefAgha AH, Lieberman T, Abdul-Mageed, M, **Jayawardene WP**, Lohrmann DK. Public Opinion on Health Care Reform: Difference between YouTube and Professional News. *WORLDCOMP'12 – 13th International Conference on Internet Computing (ICOMP'12), Las Vegas, Nevada*. Oral Presentation [07/16/2012].
- 75) **Jayawardene WP**, YoussefAgha AH, Lohrmann DK. Hepatitis B and C in Refugees from Northeast Africa: the need for screening. *2012 International Conference on Health, Wellness and Society, Chicago, Illinois*. Oral Presentation [03/11/2012].
- 76) YoussefAgha AH, **Jayawardene WP**, Lohrmann DK. Diabetes in Arabian Region and in Muslim Countries: characteristics of the epidemic. *2012 International Conference on Health, Wellness and Society, Chicago, Illinois*. Oral Presentation [03/11/2012].
- 77) **Jayawardene WP**, YoussefAgha AH, Nilwala DC, and Torabi MR. Job satisfaction among nurses caring for war-victims in Sri Lanka. *139th Annual Conference of American Public Health Association (APHA), Washington D.C*. Oral Presentation [10/31/2011].
- 78) **Jayawardene WP**, Lohrmann DK, YoussefAgha AH. Human Development Correlates of Violence and Bullying among Adolescents in Low and Middle-Income Countries: an ecological perspective. *85th Annual Conference of American School Health Association (ASHA), Louisville, Kentucky*. Oral Presentation [10/14/2011].
- 79) YoussefAgha AH, **Jayawardene WP**. Position of Gateway Drugs in the Spectrum of Adolescent Drug-Use Initiation in Indiana: relevance of market basket analysis of data mining in detection of common substance-use initiation sequences. *WORLDCOMP'11 – Proceedings of 7th International Conference on Data Mining (DMIN'11), Las Vegas, Nevada*. Oral Presentation [07/18/2011].
- 80) YoussefAgha AH, **Jayawardene WP**. Non-Medical Use of Prescription Narcotics in the Sequence of Adolescent Drug-Use Initiation and Epidemiology of Narcotic-Use by Indiana Adolescents. *73rd International Narcotics Research Conference, Hollywood, Florida*. Poster Presentation [06/22/2011].
- 81) YoussefAgha AH, **Jayawardene WP**. Role of Cigarette Smoking in the Sequence of Drugs Use Initiation and Trend of Cigarette Smoking among Indiana Adolescents. *17th Annual Conference of Society for Research on Nicotine and Tobacco, Toronto, Canada*. Poster Presentation [02/19/2011].
- 82) Heaven C, Morales N, Luegers A, YoussefAgha AH, **Jayawardene WP**. Primary Prevention of Diabetes in the Middle East and North Africa Region: an ecological perspective. *2011 International Conference on Health, Wellness and Society, Berkeley, California*. Oral Presentation [01/20/2011].
- 83) **Jayawardene WP**, YoussefAgha AH, Mattar S, Labib N, Torabi MR. Differential Characteristics of Diabetes Epidemic across Global Regions. *2011 International Conference on Health, Wellness and Society, Berkeley, California*. Oral Presentation [01/20/2011].
- 84) YoussefAgha AH, Maffini C, **Jayawardene WP**, Perez-Medina E, Torabi MR. Barriers Contributing to Health Disparities among Latinos in the United States. *2011 International*

Conference on Health, Wellness and Society. Berkeley, California. Oral Presentation [01/20/2011].

- 85) Jacobson A, Neukam D, Quigley M, Resseguie J, **Jayawardene WP**, YoussefAgha AH. Dimensions of Chronic Disease in Indiana: a basic statistical comparison to the USA rates. *2010 Indiana National Public Health Week Conference, Indianapolis, Indiana. Poster presentation [04/06/2010].*

CONFERENCE ABSTRACTS PUBLISHED IN JOURNALS

- 1) McDonnell J, Johnston J, Huber L, Dickinson S, Chen X, Curran L, **Jayawardene WP**. ‘Tracking Together’—Simultaneous Use of Human and Dog Activity Trackers: A Factorial Randomized Controlled Trial. *Medicine & Science in Sports & Exercise*. 54(9S): 358, September 2022. DOI: 10.1249/01.mss.0000879532.44929.ed
- 2) **Jayawardene WP**, Kosobud AE, Carter SJ, Dickinson SL, Chen X. Determining the Fasting Length in Time-Restricted Feeding: Analysis of Endocrine Function Among Young, Healthy, Normal Weight, European Men, *Current Developments in Nutrition*, 2020; 4(2): 588. DOI: https://doi.org/10.1093/cdn/nzaa047_008
- 3) **Jayawardene WP**, Alanazi AM, Agle J. Pregnancy-Associated Changes in Cigarette Preference among Reproductive Age Smokers. The American Academy of Health Behavior 2020 Annual Scientific Meeting: Transforming the narrative to meet emerging health behavior challenges, *Health Behavior Research*, 2020; 3(2): 38. DOI: <https://doi.org/10.4148/2572-1836.1091>
- 4) **Jayawardene WP**, Alanazi A, Agle J. Pregnancy-associated changes in cigarette preference among reproductive age smokers. *Health Behavior Research*, 2020; 3(2): 38.
- 5) Jun M, Nolan RD, Agle J, **Jayawardene WP**, Agle D, Gassman RA. Exploring the degree to which opioids, gateway drugs, and vaping are associated with risk of substance use disorders in adolescent substance users ages 12 to 18. *Health Behavior Research*, 2019; 2(2): 14.
- 6) Carter G, **Jayawardene WP**, Agle J, Meyerson B. Interplay of agency, community, and attitudinal factors related to HIV pre-exposure prophylaxis by advanced practice nurses in Indiana: A structural equation model. *Health Behavior Research*, 2018; 1(2): 15.
- 7) Agle J, **Jayawardene WP**, King R, Gay A, Horne K, Walker R. A pilot assessment of the outcomes of an HIV and substance use prevention program tailored for African-American young adults ages 18 to 24: ‘Color it Real’. *Health Behavior Research*, 2018; 1(2): 31.

EXPERT PANEL REPORTS

- 1) Youth Opioid Prevention Workgroup. *Preventing Opioid Use and Overdose in School-Age Youth: Considerations from a National Workgroup of Prevention Experts*. High Intensity Drug Trafficking Areas (HIDTA) Program: A Division for Advancing Prevention and

Treatment. Publication #: PPRC24-010-01. Release Date: October 3, 2024. Available at:
<https://www.hidta.org/adapt/prevention-intervention-resource-center/>

EVALUATION REPORTS

- 1) **Jayawardene WP.** *Southern Illinois Tobacco Retailer Training Compliance Survey: Final Report and Data Evaluation.* Southern Illinois Healthcare (SIH) and Illinois Department of Public Health (IDPH); 2023 (Evaluation Report)
- 2) Gassman R, Agley JD, Reho K, **Jayawardene WP**, Agley DL, and American Institutes for Research (AIR). National Evaluation of Technology Transfer Centers. Substance Abuse and Mental Health Administration (SAMHSA); 2022 (Evaluation Report)
- 3) **Jayawardene WP**, Samuel S. *Tobacco Compliance Survey Indiana: Final Report and Data Evaluation.* Indiana Division of Mental Health and Addiction (DMHA), Indiana State Health Department; 2020 (Evaluation Report)
- 4) Lohrmann DK, **Jayawardene WP**, Dickinson S. *Youth Obesity in Trends and Projections for Monroe County, Indiana, 2010-2017: Promising but Cautionary.* School of Public Health Bloomington and Indiana University Health Bloomington; 2018 (Evaluation Report)
- 5) Lohrmann DK, **Jayawardene WP**, Gillio R. *Stemming the Flood: Childhood Obesity Prevention in Pennsylvania, 2005-2014* (Evaluation Report). PA: Highmark Foundation; 2016. Report available at: <https://www.highmarkfoundation.org/pdf/stemmingFlood.pdf>

BOOKS AND BOOK CHAPTERS

- 1) Obeng SG, YoussefAgha AH, **Jayawardene WP**, eds. *Contemporary Issues in Public Health in North Africa and Middle East.* New York, NY: Nova Science; 2014.
- 2) **Jayawardene WP**, YoussefAgha AH, Matter S, Mokhtar A. Characteristics of Diabetes Epidemic in the Arabian Peninsula and Other Muslim Countries. In: Obeng SE, YoussefAgha AH, Jayawardene WP, eds. *Contemporary Issues in Public Health in North Africa and Middle East.* New York, NY: Nova Science; 2014: pp. 1-18
- 3) **Jayawardene WP**, YoussefAgha AH, Middlestadt SE, Lohrmann DK, Torabi MR. Role of Infrastructure Development and Prevention in Combat against HIV/AIDS in Africa: opportunities being lost. In: Obeng SE, YoussefAgha AH, Jayawardene WP, eds. *Contemporary Issues in Public Health in North Africa and Middle East.* New York, NY: Nova Science; 2014: pp. 67-88
- 4) YoussefAgha AH, **Jayawardene WP**, Lohrmann, DK. Hepatitis B and C in Refugees from Northeast Africa: the need for screening. In: Obeng SE, YoussefAgha AH, Jayawardene WP, eds. *Contemporary Issues in Public Health in North Africa and Middle East.* New York, NY: Nova Science; 2014: pp. 35-50
- 5) YoussefAgha AH, Heaven C, Luegers A, Morales N, **Jayawardene WP**. Primary Prevention of Diabetes in North Africa and the Middle East Region: an ecological perspective. In: Obeng SE, YoussefAgha AH, Jayawardene WP, eds. *Contemporary Issues in Public Health in North Africa and Middle East.* New York, NY: Nova Science; 2014: pp. 19-34

- 6) **Jayawardene WP**, YoussefAgha AH, Lohrmann DK. Upper-Air Observation Indicators Predict Outbreaks of Allergies among Elementary School Children: Integration of Daily Environmental and School Health Surveillance Systems in Pennsylvania (Chapter 10). In: Merrick J, ed. *Child and Adolescent Health Yearbook 2013*. New York, NY: Nova Science; 2013: pp 201-217

GRANTS FUNDED

- 1) Title: Illinois Youth Risk Behavior Survey (YRBS) 11/20/25 – 06/30/30 (0.5 calendar)
Role: Consultant (consultation for methodology, data collection, and data analysis)
Agency: Illinois State Board of Education (ISBE) \$396,905
Funding Category: Invitation for Bid (IFB)
Goal: To administer the Youth Risk Behavior Survey (YRBS) to Illinois public high school students and School Health Profiles surveys to public high school principals and health education teachers selected from a random sample by Westat
- 2) Title: Promoting the Integration of Primary and Behavioral Care (PIPBHC) Project Evaluation
08/04/25 – 09/30/29 (1.125 calendar)
Role: Co-Principal Investigator (quantitative methodology, data collection, reporting)
Agency: Illinois Department of Human Services (IDHS) \$443,317
Goal: To evaluate the PIPBHC-funded integrated work of Centerstone, Anna, IL, which serves five counties, and Chestnut Health Systems, Inc., Bloomington, IL, which serves McLean County.
- 3) Title: Illinois Office of Firearm Violence Prevention RPSA Evaluator
05/01/24 – 04/30/26 (3.0 calendar)
Role: Co-Principal Investigator (conceptual design, quantitative methodology, reporting)
Agency: Illinois Department of Human Services (IDHS) \$2,313,672
Goal: Evaluation of firearm violence prevention programs in the State of Illinois, funded under Reimagine Public Safety Act (RPSA).
- 4) Title: Developing and Testing the Virtual-Reality Embedded Naloxone Training (VENT)
01/01/24 – 12/31/24 (1.0 calendar)
Role: Principal Investigator (conceptual design, methodology, field testing, and reporting)
Agency: Illinois Innovation Network (IIN), University of Illinois System \$30,000
Category: Sustaining Illinois Seed Funding Program
Goal: To develop and field-test a mixed reality prototype for layperson naloxone training.
- 5) Title: VICTORY (Vaping Initiation, Continuation, and Termination or Resumption in Youth) Study – Vaping Behaviors among Undergraduate Students: A Mixed-Methods Study
10/01/22 – 05/15/23 (0.0 calendar)
Role: Faculty Advisor (conceptualization, methodology, supervision of data collection, and writing)

Agency: SIU College of Health and Human Sciences (CHHS) [Undergrad Stipend]
Funding Category: Internal Funding for an Undergraduate Research Assistant (URA)
Goal: Promote research activity among undergraduate students and to examine the characteristics of vaping behavior (e-cigarette use) and cessation attempts among college students.

- 6) Title: Tobacco Retailer Training Compliance Survey of Southern Illinois
12/01/22 – 08/31/23 (1.5 calendar)
Role: Principal Investigator (design and administration of the survey, analyses, and reporting)
Agency: Southern Illinois Healthcare (SIH) and Illinois Department of Public Health (IDPH)
\$44,439
Funding Category: Community-Based Reducing Tobacco-Related Disparities grant
Goal: Examine tobacco retailers' experiences and expectations with regard to reducing underage tobacco sales
- 7) Title: Developing and testing the Opioid Rapid Response System: A Randomized Controlled Trial
30/09/20 – 06/30/21 (1.80 calendar)
Role: Co-Principal Investigator (methodology, data collection, and reporting)
Agency: National Institute on Drug Abuse (NIDA) \$255,773
Funding Category: R41 Small Business Technology Transfer (STTR) Phase-1 – HEAL Initiative: America's Startups and Small Businesses Build Technologies to Stop the Opioid Crisis (Clinical Trial Optional)
Goal: To develop and test a rapid response system that involves recruiting, training, and linking citizen responders to opioid overdose events within their community so they can administer lifesaving Naloxone.
- 8) Title: Feasibility of a Theory-Driven, Rurally Tailored, Family-Based, Telehealth Intervention for Childhood Obesity: A Cluster Randomized Controlled Crossover Trial
01/15/20 – 01/31/21 (3.00 calendar)
Role: Principal Investigator (methodology, data collection, and reporting)
Agency: Center for Rural Engagement, Indiana University \$148,048
Funding Category: Applied Research Project Grant Program
Goal: Reduce obesity among age 5-11 children in a rural Indiana County via a telehealth approach
- 9) Title: Tobacco Compliance Survey Project, State of Indiana 11/01/19 – 10/31/20 (3.00 calendar)
Role: Principal Investigator (design and administration of the survey, analyses, and reporting)
Agency: Division of Mental Health and Addiction (DMHA), Indiana State Health Department
\$38,792
Funding Category: Decreasing youth access to tobacco, Synar and Alcohol Program
Goal: Examine tobacco retailers' experiences and expectations with regard to reducing underage tobacco sales

- 10) Title: Synergistic Effects of Tracking Human and Canine Activity Together: 2 * 2 Factorial
 Randomized Controlled Trial 12/01/19 – 05/31/21 (1.20 calendar)
Role: Principal Investigator (methodology, data collection, and reporting)
 Agency: Whistle Pet Trackers – Mars, Incorporated. \$25,880
 Funding Category: Industry-University Collaboration
 Goal: Examine if simultaneous use of activity trackers by dogs and their owners affect their physical activity levels
- 11) Title: National Evaluation of the Technology Transfer Center Program Grant
 10/01/19 – 09/30/21 (1.80 calendar)
Role: Coinvestigator (methodology, data collection, analyses, and reporting)
 Agency: Substance Abuse and Mental Health Services Administration (SAMHSA) \$1,499,981
 Funding Category: Technology Transfer Center Program
 Goal: Systematically evaluate the function of Technology Transfer Centers in addiction, prevention, and mental health
- 12) Title: Establish Opioid Prevention Program and Evaluation of Franciscan Alliance, Inc.
 09/01/19 – 02/28/22 (1.80 calendar)
Role: Coinvestigator (methodology and reporting)
 Agency: Substance Abuse and Mental Health Services Administration (SAMHSA)
 \$325,055
 Funding Category: Medication Assisted Treatment (MAT) for Opioid Use Disorder (OUD)
 Goal: To establish an Opioid Prevention Program and Evaluation Program for Franciscan Alliance, Inc.
- 13) Title: PharmNet – Prevention of Opioid Overdose Deaths and HIV/HCV through Indiana’s
 Network of Pharmacies 01/01/18 – 12/31/20 (0.60 calendar)
Role: Coinvestigator (methodology, data collection, analyses, and reporting)
 Agency: Indiana University, Office of the Vice Provost for Research \$344,519
 Funding Category: Responding to the Addictions Crisis Grand Challenges Initiative (Phase-1)
 Goal: Test the feasibility of an intervention that engages pharmacists to reduce opioid overdose deaths
- 14) Title: ‘Color It Real’– HIV, STI and Substance Use Prevention Program for African-
 American Young Adults 10/01/16 – 09/30/21 (0.60 calendar)
Role: Coinvestigator (analyses and reporting)
 Agency: Substance Abuse and Mental Health Services Administration (SAMHSA)
 \$1,146,674
 Funding Category: Northwest Indiana HIV Capacity Building Initiative

Goal: To reduce sexual risk behaviors and substance abuse among African-American young adults

- 15) Title: A School-Based Drama Intervention (ACT OUT) for Prevention of Bullying and Substance Use: A Cluster Randomized Controlled Trial 07/01/19 – 09/30/20 (0.60 calendar)

Role: Coinvestigator (methodology, data collection, analyses, and reporting)

Agency: Lilly Endowment, Indianapolis \$150,294

Funding Category: Industry-University Collaboration

Goal: Examine the effects of a drama-based approach to prevention of bullying and substance use in schools

PENDING GRANTS (under review)

- 1) Title: Enhancing Overdose Response through Mixed Reality: Evaluating the Effectiveness of ReviveXR in Professional, High-School, and Community Settings (1.125 calendar)

Role: Principal Investigator (methodology, data collection, and reporting)

Agency: Illinois Department of Commerce and Economic Opportunity \$74,790

Funding Category: Illinois Innovation Voucher (IIV) Program

Goal: To evaluate the effectiveness of ReviveXR, a mixed-reality training platform, in enhancing overdose response skills across professional, high-school, and community settings.

GRANTS UNFUNDED (since 2021)

- 1) Title: Bridging the Gap: Expanding Violence Intervention Services Beyond the Hospital for Individuals Exposed to Firearm Violence (1.125 calendar)

Role: Principal Investigator (methodology, data collection, coordination, and reporting)

Agency: Kaiser Permanente (\$99,995)

Funding Category: Center for Gun Violence Research and Education

Goal: To build the capacity of community-based and hospital-based programs to expand violence intervention services beyond the hospital for individuals exposed to firearm violence

- 2) Title: Effects of Companion Dogs on Mental Health and Addictive Behaviors among First-Time Dog-Owners – A Prospective Cohort Study (1.20 calendar)

Role: Principal Investigator (methodology, data collection, and reporting)

Agency: National Institute on Drug Abuse (NIDA) \$161,656

Funding Category: NIH Small Research Grant Program (Parent R03)

Goal: To evaluate the effects of companion dog ownership on mental health and addictive behaviors among first-time dog owners through a prospective cohort study

- 3) Title: A Natural Experiment to Examine Use of Other Substances Following Tobacco-21

- Implementation (2.40 calendar)
Role: Principal Investigator (methodology, data collection, and reporting)
Agency: National Institute on Drug Abuse (NIDA) \$423,432
Funding Category: Public Policy Effects on Alcohol-, Marijuana-, and Other Substance-Related Behaviors and Outcomes (R21)
Goal: To determine the effects of companion dogs on mental health and addictive behaviors among first-time dog-owners during the first year of dog-ownership
- 4) Title: Development and Testing of Opioid Awareness and Overdose Preparedness Training in High Schools (3.0 calendar)
Role: Principal Investigator (Multiple PI) (conceptualization, methodology, data collection, project administration, and reporting)
Agency: National Institute on Drug Abuse (NIDA) \$3,437,510
Funding Category: HEAL Initiative: Research to Increase Implementation of Substance Use Preventive Services (R61/R33 Clinical Trial Optional)
Goal: Develop a self-paced, online naloxone training and opioid awareness program for high school teachers and staff to prevent opioid addiction and overdoses among students.
- 5) Title: Development and Testing of Opioid Awareness and Overdose Preparedness Training in High Schools (1.5 calendar)
Role: Principal Investigator (Multiple PI) (conceptualization, methodology, data collection, project administration, and reporting)
Agency: National Center for Injury Prevention and Control (NCIPC) within the Centers for Disease Control and Reporting (CDC) \$3,437,510
Funding Category: Injury Prevention and Control Research and State and Community Based Programs
Goal: Develop an evidence-based, self-paced, online Narcan training and opioid awareness program for high schools to prevent opioid addiction and overdoses among students.
- 6) Title: VETS: Veteran Epidemic Tracking System (1.2 calendar)
Role: Principal Investigator (Multiple PI) (methodology, data analysis, and reporting)
Agency: National Institute on Alcohol Abuse and Alcoholism (NIAAA) \$259,875
Funding Category: Research Enhancement Award Program (REAP) for Health Professional Schools and Graduate Schools (R15 Clinical Trial Not Allowed)
Goal: Develop and test a novel theoretical framework for estimating alcohol misuse rates among veterans and nonveterans in small areas, using existing data and multi-level modeling techniques
- 7) Title: Patterns of Tobacco Use and Associated Factors Among Veterans: Data for Policy Evaluation (1.2 calendar)

Role: Co-Principal Investigator (methodology, data collection, and data analysis)
Agency: National Institute on Drug Abuse (NIDA) \$371,250
Goal: To evaluate the use of various tobacco products among veterans and the effects of Tobacco Control Act on veterans

8) Title: Rural Cigarette Smoking Treatment and Surveillance Center (1.0 calendar)

Role: Co-Investigator (contributions to methodology and data analysis)
Agency: SIU College of Health and Human Sciences (CHHS) \$100,000
Funding Category: Developing, Elevating, and Leading Educational Opportunities and Programs (DEVELOP)
Goal: To improve treatments designed to reduce cigarette smoking, and develop a rural nicotine and tobacco use tracking system

9) Title: Illinois Tobacco Quitline – Evaluation Service.

Role: Co-Investigator (methodology, data collection, and data analysis)
Agency: Illinois Department of Public Health (IDPH) \$100,000
Funding Category: Flow through from the American Lung Association.
Goal: To provide an effective evaluation of the current operations, quit rates/reach, and impact of the Illinois Tobacco Quitline.

10) Title: A Twitter-Based Model that Predict and Characterize Continuing Alcohol Use during Pregnancy (2.40 calendar)

Role: Principal Investigator (methodology, data collection, and reporting)
Agency: National Institute on Alcohol Abuse and Alcoholism (NIAAA) \$419,357
Funding Category: Women & Sex/Gender Differences in Drug and Alcohol Abuse/Dependence (R21)
Goal: To develop and validate a natural language processing and machine learning tool that can identify women at risk of prenatal drinking, based on their Twitter feeds.

11) Title: A Computer-Based, Self-Paced, Brief Mindfulness Intervention for Youth in Criminal Justice System (2.40 calendar)

Role: Principal Investigator (methodology, data collection, and reporting)
Agency: Indiana Criminal Justice Institute, U.S. Department of Justice \$100,206
Funding Category: Juvenile Justice and Delinquency Prevention Act (Title II) Grant
Goal: To develop and examine the feasibility of a 3-session, computer-based, self-paced, mindfulness intervention for youth, age 14-17 years, within the criminal justice system.

12) Title: Indiana Statewide Assessment – Impact of Incarceration on Youth and Family

Role: Co-Principal Investigator (methodology, data collection, and reporting)
Agency: Indiana Criminal Justice Institute, U.S. Department of Justice \$119,572

Funding Category: Juvenile Justice and Delinquency Prevention Act (Title II) Grant
Goal: To provide the State of Indiana with data regarding the impact of incarceration of adults with children to inform policy for protective and preventative action.

13) Title: Day Treatment Program for Youth in the Juvenile Justice System in Madison County, Indiana

Role: Co-Principal Investigator (methodology, data collection, and reporting)

Agency: Indiana Criminal Justice Institute, U.S. Department of Justice \$88,628

Funding Category: Juvenile Justice and Delinquency Prevention Act (Title II) Grant

Goal: To develop a day treatment Program for youth in the juvenile justice system in Indiana.

14) Title: Effects of Companion Dogs on Mental Health and Addictive Behaviors among First-Time Dog-Owners: A Prospective Cohort Study

Role: Principal Investigator (methodology, data collection, and reporting)

Agency: Human-Animal Bond Research Institute (HABRI) \$66,176

Goal: To determine the effects of companion dogs on mental health and addictive behaviors among first-time dog-owners during the first year of dog-ownership

15) Title: HabitHalo: A Programmable Lockbox and a Smartphone App for Assisting Regular Vapers to Reduce the Vaping Frequency – A Randomized Control Trial

Role: Co-Investigator (methodology, data collection, project administration, and reporting)

Agency: Boomerang Ventures, Indianapolis, Indiana (SIU Subaward) \$14,850

Goal: To examine if a programmable lockbox and a smartphone app designed for reducing access to a user's personal vaping device can be used effectively for assisting a regular vaper to reduce the vaping frequency.

TRAVEL AWARDS AND FELLOWSHIPS

- 1) Early Career Preventionists Network (ECPN) Travel Award: Annual Meeting Registration, Society for Prevention Research (SPR), 2021 (\$ 310)
- 2) Travel Award: NIH-NHLBI Short Course on Mathematical Sciences in Obesity, University of Alabama at Birmingham, 2017 (\$ 1,700)
- 3) Travel Award: NIH-NHLBI Short Course on Strengthening Causal Inference in Behavioral Obesity Research, University of Alabama at Birmingham, 2016 (\$ 1,900)
- 4) Dissertation Research Fellowship: School of Public Health Bloomington, 2012 (\$ 9,000)
- 5) Travel Award for Student Research: School of Public Health Bloomington, 2011 (\$ 500)
- 6) Grant-in-Aid for Student Research: School of Public Health Bloomington, 2010 (\$ 1,000)

TEACHING EXPERIENCE

- 1) Instructor, School of Human Sciences, Southern Illinois University Carbondale
 - a. PH488-950 – Environmental Health (since Fall 2022)

- b. PH407-982 – Substance Use Prevention (Spring 2023)
 - c. PH526-941 – Evidence-Based Research and Evaluation (Fall 2024)
 - d. PH514-941 – Public Health Analytics II (since Spring 2025)
- 2) Undergraduate Internship Supervisor, School of Public Health-Bloomington (since Fall 2019)
 - 2) Adjunct Lecturer, School of Public Health-Bloomington (since Fall 2019), H172 International Health and Social Issues; B366 Community Health (core course for BS Public Health); H174 Prevention of Violence in American Society
 - 3) Assistant Instructor (Research Methods), Graduate Course H681 – Readings in Health Education, School of Public Health Bloomington, Indiana University (Summer 2015)
 - 4) Associate Instructor, Undergraduate Course H263 – Personal Health, School of Public Health Bloomington, Indiana University (Spring 2012, Spring 2013, Fall 2013, Spring 2014)
 - 5) Associate Instructor, Undergraduate Course H180 – Stress Prevention and Management, School of Public Health Bloomington, Indiana University (Fall 2012)
 - 6) Teaching Assistant, Graduate Course C591 – Public Health Statistics, School of Public Health Bloomington, Indiana University (Spring and Fall 2010, Spring and Fall 2011)
 - 7) Visiting Instructor – Epidemiology and Immunization, Nurses’ Training School, Ampara, Sri Lanka (2008-2009)
 - 8) Trainer and Evaluator, Continuing Professional Development for Public Health Workers, Regional Director of Health Services Office, Ampara, Sri Lanka (2007-2009)
 - 9) Health Educator, School Health and Public Health Education Campaign, Regional Director of Health Services Office, Ampara, Sri Lanka (2006-2009)
 - 10) Health Educator, School Health and Public Health Education Campaign, Regional Director of Health Services Office, Nuwaraeliya, Sri Lanka (2005)

SERVICES RELATED TO TEACHING – GRADUATE STUDENT RESEARCH

- 1) Hend Jadalla (Master’s Student in Health Informatics). Vaping Initiation, Continuation, and Termination or Resumption in Youth (VICTORY) Survey” (PI: Jayawardene WP). *Illinois Public Health Association’s 2024 Community Health Worker Summit, Springfield Illinois*. Poster presentation. [People’s Choice Award].
- 2) Rebecca Kagaris (PhD candidate and Forestry Research Assistant). Vape Waste: Vaper Identity and its Effect on Perception, Pollution, and Proposed Solutions to a Growing Environmental Threat (PI: Jayawardene WP). *Creative Activities and Research Presentation Forum, Office of the Vice Chancellor for Research, Southern Illinois University, Carbondale, Illinois*. Poster presentation. [04/11/2024]. [Top Poster Award 2024]
- 3) Luke Manietta (Medical Student, SIU School of Medicine). The Influence of Gender and Obsession Type on Public Stigma of Obsessive-Compulsive Disorder: A Comprehensive Survey; Impact of Social Media Exposure on E-Cigarette Use Among Adolescents: Insights from the 2023 National Youth Tobacco Survey. (Research Mentor)
- 4) Amy Park, Alana Goodson, Chesmi Kumbalataru. Field testing of the Virtual Reality Embedded Naloxone Training (VENT) (PI: Jayawardene WP).

- 5) Kumbalatar C. Multiple and Substitute Addictions among Patients Admitted to Federal Substance Use Treatment Programs: A Market Basket Analysis of National Data. *2023 Student Research & Creative Activities Forum, Office of the Vice Chancellor for Research, Southern Illinois University, Carbondale, Illinois*. Poster presentation. [04/13/2023]. [Top Poster Award 2023]
- 6) William Clark. Dose-Response Exposure between Adverse Childhood Experiences and Substance Use. *Indiana University Bloomington SPH-B Research Day, School of Public Health Bloomington, Indiana University*. Oral Presentation [Master's Level Top Abstract Award 2020]
- 7) Rebecca Kagaris, Forestry Research Assistant, College of Agriculture, Life, And Physical Sciences ('Environmental Impacts of Vaping' study, research supervisor since 2023)
- 8) Chesmi Kumbalatar, PhD student in Population Health, School of Human Sciences, Southern Illinois University Carbondale (mentor since January 2023)
- 9) Jacob Ketuma, PhD student in Population Health, School of Human Sciences, Southern Illinois University Carbondale (mentor since January 2023)
- 10) Hend Jadalla, MPH student, School of Human Sciences, Southern Illinois University Carbondale (Southern Illinois Tobacco Retailer Training Compliance Survey, research supervisor, 2023)
- 11) Lydia Fulton, MD-MPH student, School of Human Sciences and School of Medicine, Southern Illinois University (Southern Illinois Tobacco Retailer Training Compliance Survey, research supervisor, 2023)
- 12) Luke Manietta, MD-MPH student, School of Human Sciences and School of Medicine, Southern Illinois University (Southern Illinois Tobacco Retailer Training Compliance Survey, research supervisor, 2023)
- 13) John Bresett, PhD student, School of Human Sciences, Southern Illinois University Carbondale (doctoral research committee member since December 2022)
- 14) Summiya Siddiqui, MS student, School of Human Sciences, Southern Illinois University Carbondale (2022-2023)
- 15) Jimmy McDonnell, PhD student, Kinesiology, Indiana University Bloomington (2020-2022)
- 16) Committee Member for Britney Arce, PhD student, Applied Health Science, Indiana University Bloomington (since 2020)
- 17) Laurel Curran, MPH student, Kinesiology, Indiana University Bloomington (2019-2021)
- 18) Sarah Larson, MPH student, Applied Health Science, Indiana University Bloomington (2020)
- 19) Erika Pena, MPH student, Kinesiology, Indiana University Bloomington (2019-2020)
- 20) Allisandra Kummer, MPH student, Epidemiology and Biostatistics, Indiana University Bloomington (2020)
- 21) Committee Member for Shaneil Taylor, PhD student, Applied Health Science, Indiana University Bloomington (2017 – 2021)
- 22) Committee Member for Godfred Antwi, PhD student, Applied Health Science, Indiana University Bloomington (2017 – 2019)
- 23) William Clark, Epidemiology and Biostatistics, Indiana University Bloomington, MPH Internship (2019 – 2020)

- 24) Tapati Dutta, PhD student, Applied Health Science, Indiana University Bloomington (2017 – 2019)
- 25) Aaron Agle, Master's student, Applied Health Science, Indiana University Bloomington (2016)
- 26) Gabriel Mawusi, Master's student, Applied Health Science, Indiana University Bloomington (2015)
- 27) Godfred Antwi, Master's student, Applied Health Science, Indiana University Bloomington (2015)

SERVICES RELATED TO TEACHING – UNDERGRADUATE STUDENT RESEARCH

- 1) Tori Lukes. BS in Public Health Research Internship. Field testing of the Virtual Reality Embedded Naloxone Training (VENT).
- 2) Melina Dufner, Exchange student from Germany, Applied Health Sciences, Hochschule Furtwangen University, Baden-Württemberg, Germany
- 3) Dania Abou-Jabal, Public health student, School of Human Sciences, Southern Illinois University Carbondale, Illinois
- 4) Lindsey Johnson, Medical/Dental Education Preparatory Program (MEDPREP) student, Southern Illinois University Carbondale (since 2022)
- 5) Dylan Mills, Geography & Environmental Resources, Southern Illinois University Carbondale (2022)
- 6) Mallory Bivens, Epidemiology and Biostatistics, School of Public Health-Bloomington (since 2022)
- 7) Bailey Ortyl, Epidemiology and Biostatistics, School of Public Health-Bloomington (2021-2022)
- 8) Myat Su, Epidemiology and Biostatistics, School of Public Health-Bloomington (2021-2022)
- 9) Kyaw Thu, Epidemiology and Biostatistics, School of Public Health-Bloomington (2021-2022)
- 10) Rohil Anand, Applied Health Science, School of Public Health-Bloomington (2021-2022)
- 11) Phil Tran, Kelley School of Business, Indiana University Bloomington SPH-B Research Day Abstract 2020. E-cigarettes Users' Quit Methods and Interventions that may Facilitate Quitting. (2020)
- 12) Dorcas Mawi, Indiana University Bloomington, BSPH Community Health Internship (2020)
- 13) Zea Gyampoh, Indiana University Bloomington, BSPH Community Health Internship (2020)
- 14) Jacob Warren, Indiana University Bloomington, SPH-B Exercise Science (2020)
- 15) Erin McMath, Zea Gyampoh, Indiana University Bloomington SPH-B Research Day Abstract (2020). Minority Mothers in the U.S. Experience Unequal Maternal Healthcare Encounters as their White Counterparts: A Quantitative Study.

SERVICES TO ACADEMIC INSTITUTIONS

- 1) Member, College of Health and Human Sciences (CHHS) Research Committee, SIU Carbondale.
- 2) Facilitator – SIU College of Health and Human Sciences workshop, Friday, 02/02/2024, CHHS Dean's Conference Room: "How to Integrate Research into Your Teaching"
- 3) SIU College of Health and Human Sciences "Flash Talk" presentation, Thursday, 10/24/2024, John C. Guyon Auditorium, Morris Library, SIU. Prevention of Underage Sales of Tobacco and E-cigarettes: Use of Retailers' Perspectives for Geographically Targeted Programming.

- 4) SIU College of Health and Human Sciences “Flash Talk” presentation, Thursday, 10/26/2023, John C. Guyon Auditorium, Morris Library, SIU. Attempts and Intentions to Quit Vaping among Undergraduate Students: Vaping Initiation, Continuation, Termination, or Resumption in Youth (VICTORY) Study, SIUC.
- 5) SIU College of Health and Human Sciences “Flash Talk” presentation, Thursday, 10/27/2022, John C. Guyon Auditorium, Morris Library, SIU. <https://news.siu.edu/2022/10/102422-Health-and-Human-Sciences-faculty,-students-to-share-research-Thursday.php>
- 6) Committee Member – Diversity, Equity, and Inclusion (DEI) Committee, Prevention Insights, School of Public Health-Bloomington, Indiana University (2020-2022)
- 7) Monthly Public Health Faculty/Staff Meeting, School of Human Science, Southern Illinois University Carbondale (since September 2022)
- 8) Tenure-Track Faculty Search Committee, Applied Health Sciences, School of Public Health-Bloomington, Indiana University (2017)
- 9) Non-Tenure-Track Faculty Search Committee, Prevention Insights, School of Public Health-Bloomington, Indiana University (2018)

SERVICES TO PROFESSIONAL ORGANIZATIONS

- 1) Session Moderator: Building a Web – Novel Solutions for Overdose Prevention, 2025 Annual Conference of the American Public Health Association (APHA), Washington D.C. (November 3, 2025)
- 2) Session Moderator: Other Drugs Oral Session-1: Utilizing Data to Describe the Epidemiology of the Overdose Crisis, 2023 Annual Conference of the American Public Health Association (APHA), Atlanta, Georgia (November 13, 2023)
- 3) Chair, Communications Committee, Alcohol, Tobacco, and Other Drugs (ATOD) Section, American Public Health Association (APHA) – Since 2022
- 4) Judge, 2023 Annual Biomedical Research Conference for Minoritized Scientists (ABRCMS 2023), Phoenix, Arizona. National Institute of General Medical Sciences (NIGMS) and American Society for Microbiology (ASM). [11/18/2023].
- 5) Abstract Reviewer, Annual Conference of American Public Health Association (APHA)
- 6) Abstract Reviewer, Annual Conference of American School Health Association (ASHA)
- 7) Abstract Reviewer, Annual Conference of American Academy of Health Behavior (AAHB)

SERVICES RELATED TO RESEARCH

- 1) Participate as a Mentor in the 2025-2026 Faculty Mentoring Program, College of Health and Human Sciences (CHHS), Southern Illinois University (Mentee – Dr. Kathryn Roosevelt).
- 2) Participated as a Mentee in the 2021-2022 Research Scholar/Faculty Mentoring Program, American Academy of Health Behavior (AAHB), (Mentor – Dr. Elizabeth Richards, Purdue University).

- 3) Editor, Obesity and Energetics Offerings: <https://www.obesityandenergetics.org/> -- a free service supported by the Indiana University School of Public Health-Bloomington and the University of Alabama at Birmingham's Nutrition Obesity Research Center. (2018-2022)
- 4) Organized the Regenstrief/Bloomington Research Retreat on Use of Social Media in Public Health Surveillance, April 29, 2019, Regenstrief Institute, Indianapolis.
- 5) National Immunization Coverage Evaluation Survey of Sri Lanka, 2008. Epidemiology Unit of Sri Lanka and World Health Organization. Role: District Coordinator.
- 6) Chronic Kidney Disease of Sri Lanka, National Research, 2007-2008. Ministry of Healthcare and Nutrition of Sri Lanka and World Health Organization. Role: District Coordinator.

SERVICES TO COMMUNITY

- 1) "ReviveXR" (Mixed Reality-Based Naloxone Training) Demonstration, Du Quoin State Fair, Du Quoin, IL (August 2025).
- 2) "ReviveXR" (Mixed Reality-Based Naloxone Training) Demonstration, Weathering the Storm Conference in Marion, Illinois (November 2025).
- 3) Services as a Faculty Affiliate, Indiana University Center for Rural Engagement (2020-2022)
- 4) Contributions to meetings of the Indiana Healthy Weight Initiative (2018-2020)
- 5) Voluntary emergency medical and surgical services during civil war, Sri Lanka (2007-2009)
- 6) Immunization and public health services to war-affected communities (during and after war)
- 7) Rehabilitation and reconstruction after 2004 tsunami (immediate aftermath and 2005-2008)
- 8) Teenage pregnancy prevention in farming communities, Ampara, Sri Lanka (2007-2008)
- 9) Female sterilization surgeries in tea plantation communities, Nuwaraeliya, Sri Lanka (2005)

PEER-REVIEW FOR JOURNALS (over 150 Verified Peer-Reviews Since 2013)

- 1) Topic Editor and Reviewer, International Journal of Environmental Research and Public Health (IJERPH)
- 2) Reviewer, Contemporary Clinical Trials
- 3) Reviewer, PLOS Medicine
- 4) Reviewer, F1000 Research
- 5) Reviewer, Journal of School Health
- 6) Reviewer, British Journal of Nutrition
- 7) Reviewer, Substance Use and Misuse
- 8) Reviewer, Journal of Child & Adolescent Substance Abuse
- 9) Reviewer, Obesity – 1 peer-review in 2022
- 10) Reviewer, JAMA
- 11) Reviewer, Obesity Reviews
- 12) Reviewer, American Journal of Public Health
- 13) Reviewer, American Journal of Preventive Medicine
- 14) Reviewer, American Journal of Health Promotion
- 15) Reviewer, Medical Decision Making

- 16) Reviewer, Psychoneuroendocrinology
- 17) Reviewer, Journal of Drug and Alcohol Education (JADE)
- 18) Reviewer, Journal of Medical Internet Research – mHealth and uHealth
- 19) Reviewer, Journal of International Medical Research
- 20) Reviewer, MethodsX
- 21) Reviewer, Frontiers in Public Health
- 22) Reviewer, Frontiers in Pediatrics
- 23) Reviewer, Frontiers in Psychology
- 24) Reviewer, Appetite
- 25) Reviewer, European Journal of Pediatrics
- 26) Reviewer, Occupational and Environmental Medicine
- 27) Reviewer, Pharmacy
- 28) Reviewer, Pediatric Obesity
- 29) Reviewer, PLOS ONE
- 30) Reviewer, Early Human Development
- 31) Reviewer, BMC Public Health
- 32) Reviewer, Preventive Medicine Reports
- 33) Reviewer, Allergy and Asthma Proceedings
- 34) Reviewer, Nutrition Journal
- 35) Reviewer, Journal of Holistic Nursing
- 36) Reviewer, Childhood Obesity
- 37) Reviewer, Environmental Science: Processes & Impacts
- 38) Associate Editor (2011), International Journal of Health, Wellness, and Society

CERTIFICATIONS AND CONTINUING PROFESSIONAL DEVELOPMENT

- 1) IUEHS Safety & Health for Animal Users Training and the CITI Basic Course in Laboratory Animal Welfare for Investigators, Staff and Students (2020)
- 2) Mediation, Moderation, and Conditional Process Analysis (5 days), Dr. Andrew Hayes, Chicago IL (2019)
- 3) Longitudinal Data Analysis (2 days), Dr. Paul Allison, Philadelphia PA (2017)
- 4) NIH-NCI Professional Development Workshop for Early-Career Investigators in behavioral/Social Science Research and Cancer Prevention and Control (2 days), National Cancer Institute, Bethesda, MD, USA (2017)
- 5) NIH-NHLBI Short Course on Mathematical Sciences in Obesity (5 days), University of Alabama at Birmingham, AL, USA (2017)
- 6) NIH-NHLBI Course on Strengthening Causal Inference in Behavioral Obesity Research (5 days), University of Alabama at Birmingham, AL, USA (2016)
- 7) Modeling Individual Differences in Behavior (5 days): multilevel and structural equation modeling. Dept. of Psychology, North Carolina State University, Raleigh, NC, USA (2016)
- 8) Heart-Saver First Aid CPR AED Advance Life Support, American Heart Association (2016)

- 9) Comprehensive Meta-Analysis (3 days), Dr. M. Borenstein, Chicago IL, USA (2015)
- 10) Workshop Series in the Responsible Conduct of Research (RCR) for Postdoctoral Fellows, Indiana University Bloomington, IN, USA (2015)
- 11) Workshop Series in Scientific Writing, Proposal Development, and Networking for Faculty Members, Indiana University Bloomington, IN, USA (2014-2016)
- 12) Workshop Series in Teaching for Associate Instructors, School of Public Health Bloomington, Indiana University, IN, USA (2011-2013)
- 13) Certificate in Management, Institute of Development Administration, Sri Lanka (2009)
- 14) Field Epidemiological Training Program (FETP), Epidemiology Unit, Ministry of Health, Sri Lanka, and funded by World Health Organization (2008)
- 15) Rapid Response and Containment of Highly Pathogenic Avian Influenza, World Health Organization Country Office, Sri Lanka (2008)
- 16) Basic, Intermediate, and Advanced Training Certificates in Incident Command System of Disaster Management, Disaster Management Center, Colombo, Sri Lanka (2008)
- 17) World Health Organization's Regional Workshop and Training on Influenza Diagnosis and Networking, Pune, India, WHO south East Asian Regional Office (2008)
- 18) International Workshop on Health Planning and Project Management, Indian Institute of Planning and Management, Chennai, India (2007)
- 19) Pediatric Emergency Management and Life Support, Badulla Hospital, Sri Lanka (2005)
- 20) Licensing as a Medical Practitioner in Sri Lanka, Sri Lanka Medical Council (2005)
- 21) Certificate of Completion of Medical Residency Program, Sri Lanka Medical Council (2005)

MEDIA INTERVIEWS AND MEDIA ARTICLES ABOUT RESEARCH

SIU News: SIU researchers find prison guards suffer PTSD and other issues but get little help
<https://news.siu.edu/2024/06/062624-siu-researchers-find-prison-guards-suffer-ptsd-and-other-issues-but-get-little-help.php>

SIU News: SIU professor doing research to see if virtual reality can reduce opioid overdose deaths
<https://news.siu.edu/2023/08/081623-SIU-professor-doing-research-to-see-if-virtual-reality-can-reduce-opioid-overdose-deaths.php>

R1 Minute: https://youtube.com/shorts/RPot4JKXRfg?si=y0zgz6XCK_KhBwf6

Additional Media Coverages: Virtual-Reality Embedded Naloxone Training (VENT)

1. <https://news.uillinois.edu/view/7815/753098240>
2. <https://uillinois.foleon.com/annualreport/2024/virtual-reality-leaps-into-action>
3. <https://www.wsu.org/2023-08-16/siu-professor-doing-research-to-see-if-virtual-reality-can-reduce-overdose-deaths>

4. <https://dailyegyptian.com/116176/showcase/virtual-reality-could-be-the-future-of-overdose-training/>
5. <https://www.kfvs12.com/2023/08/17/siu-professors-virtual-reality-training-project-could-help-prevent-opioid-related-deaths/>
6. <https://gameishard.gg/news/siu-professors-vr-training-research-project-could-help-prevent-opioid-related-deaths/27954/>
7. <https://gameishard.gg/news/siu-professor-doing-research-to-see-if-virtual-reality-can-reduce-opioid-overdose-deaths/28388/>
8. <https://fagenwasanni.com/news/can-virtual-reality-help-prevent-opioid-overdoses/212859/>
9. <https://newsroom.osfhealthcare.org/researchers-developing-mixed-reality-training-to-combat-opioid-overdose-deaths/>
10. [Researchers developing mixed-reality training to combat opioid overdose deaths \(yahoo.com\)](#)
11. [Researchers developing mixed-reality training to combat opioid overdose deaths | AP News](#)
12. [Researchers developing mixed-reality training to combat opioid overdose deaths | BioSpace](#)
13. <https://news.uillinois.edu/view/7815/628423872>
14. <https://news.siu.edu/2023/07/071323-SIU-profs-among-recipients-of-120K-in-innovation-grants.php>

SIU Today: Survey to look at preventing underage tobacco, nicotine use

<https://news.siu.edu/today/2023/today-060123.php>

SIH News: Launch of Southern Illinois Tobacco Retailer Training Compliance Survey

<https://www.sih.net/news/2023/tobacco-retailer-survey>

The New York Times: Childhood Obesity Is a Major Problem. Research Isn't Helping

<https://www.nytimes.com/2020/01/20/upshot/childhood-obesity-research.html>

IU Addictions Press Release: IU researchers expanding their work to recruit and train citizen responders for opioid overdose events

<https://addictions.iu.edu/news/citizen-responder-grant.html>

Greenfield Reporter: Overdose intervention efforts get a boost

<http://www.greenfieldreporter.com/2021/02/19/overdose-intervention-efforts-get-a-boost/>

Scienceline: Inside the drug that's taking on the opioid crisis

<https://scienceline.org/2020/01/inside-the-drug-thats-taking-on-the-opioid-crisis/>

The Evening News and The Tribune, Jeffersonville, Indiana: Indiana county's PulsePoint initiative gets boost from national grant

<https://www.ems1.com/ems-grants/articles/ind-countys-pulsepoint-initiative-gets-boost-from->

[national-grant-65piZde5lFqsEKTM/](#)

Wallethub: Should e-cigarettes be regulated and taxed as cigarettes or as medical devices?
How might marijuana legalization affect tobacco use?

https://wallethub.com/edu/the-financial-cost-of-smoking-by-state/9520#expert=Wasantha_Jayawardene

MyFitnessPal: Sweat More, Eat Better? Science Says Yes

<https://blog.myfitnesspal.com/sweat-more-eat-better-science-says-yes/>

Yahoo! Life: 7 ways exercise makes you happy — and how much you need to improve your mood

<https://www.yahoo.com/lifestyle/7-ways-exercise-makes-happy-003017187.html>

Medium; In Fitness and In Health: 10 Signs You're Becoming a Fit Badass Even if the scale isn't moving

<https://medium.com/in-fitness-and-in-health/10-signs-youre-becoming-a-fit-badass-a3270a4daf31>

Fit & Well: 7 celebrity fitness secrets from over 50s: Kamala Harris

<https://www.fitandwell.com/features/7-celebrities-that-look-great-over-50-steal-their-fitness-secrets?>

The Conversation: So Your Teenager Is Vaping E-Cigarettes – Should You Worry?

<https://theconversation.com/so-your-teenager-is-vaping-e-cigarettes-should-you-worry-36398>

IU Blog: Prevention Insights selected to conduct Tobacco Compliance Survey

<https://blogs.iu.edu/iusph/2019/10/11/prevention-insights-selected-to-conduct-tobacco-compliance-survey/?>

IU Blog: Research team develops innovative PrEP instrument focused on nurses

<http://blogs.iu.edu/iusph/2019/02/19/research-team-develops-innovative-prep-instrument-focused-on-nurses/>

IU Blog: SPH team examines relationships between clinical measures of obesity and cumulative cardiometabolic risk in adolescents

<http://blogs.iu.edu/iusph/2018/07/02/assistant-research-scientist-and-her-team-examine-linical-measures-of-obesity-and-cumulative-cardiometabolic-risk-in-adolescents/>

Journal of Advanced Nursing Blog: What influences HIV PrEP practices among nurses?

<http://journalofadvancednursing.blogspot.com/2019/04/what-influences-hiv-prep-practices.html>

Contemplative Studies: Reduce Stress with Preventative Online Mindfulness Training

<http://contemplative-studies.org/wp/index.php/2017/07/06/reduce-stress-with-preventative-online-mindfulness-training-by-john-m-de-castro-ph-d-mindfulness-not-only-reduces-stress-but-also-gently-builds-an-inner-strength-so-that-future-stressor/>

IU Graduate School: Santosh Jain Endowed Memorial Scholarship Awarded to IU Graduate Student Wasantha Jayawardene

<http://iugradschool.blogspot.com/2011/05/santosh-jain-endowed-memorial.html>

LANGUAGE AND STATISTICAL SOFTWARE SKILLS

- 1) English: reading and writing (fluent), speaking (intermediate); Russian: reading and writing (fluent), speaking (intermediate); Sinhala: native
- 2) SAS, SPSS, Comprehensive Meta Analysis (CMA), and G*Power (proficient); STATA and Amos (intermediate)

FACULTY PROFILE (SOUTHERN ILLINOIS UNIVERSITY CARBONDALE)

<https://academics.siu.edu/human-behavioral/public-health/faculty/jayawardene-wasantha.php>

PUBLICATION PROFILE (GOOGLE SCHOLAR)

<https://scholar.google.com/citations?user=8ESSVqIAAAAJ&hl=en>

PEER-REVIEW PROFILE (WEB OF SCIENCE)

<https://www.webofscience.com/wos/op/peer-reviews/summary>

PROFESSIONAL PROFILE (LINKEDIN)

<https://www.linkedin.com/in/wasantha-jayawardene-84a25530/>