

2024 NIDA INTERNATIONAL FORUM

Poster Session Guide

June 15, 2024 • 5:30 p.m. to 7:00 p.m. • Centre-Ville

Category Poster Presentations	Poster #	Total Confirmed Poster Presentations	
Basic Science	101–112	Basic Science	12
Epidemiology	201–257	Epidemiology	57
Information	301–311	Information	11
Prevention	401–421	Prevention	21
Treatment.....	501–545	Treatment.....	45

NIDA International Drug Use and Addiction Research Abstract Database

This database includes research abstracts presented for poster presentation at NIDA International Program meetings in the past three years.

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2024 NIDA International Forum Abstracts

June 15, 2024, 5:30 p.m. to 7:00 p.m.

Authors of odd numbered posters to stand at their poster from 5:30 p.m. to 6:15 p.m.

Authors of even numbered posters to stand at their poster from 6:15 p.m. to 7:00 p.m.

Basic Science

101. Cannabinoid agonists and cellular signal transduction mechanisms

A-A. Assi¹, A. C. Howlett². ¹Assiut University, Egypt; ²Wake Forest School of Medicine, United States

102. Repeated methamphetamine administration increased mitochondrial density in substantia nigra pars compacta dopamine and locus coeruleus norepinephrine neurons

A. Bhowmik, S. Graves. University of Minnesota, United States

103. Cannabis edibles: Effects on cognitive performance

P. Di Ciano, S. Zhao, P. Kaduri, C. Wickens, S. Chen, B. Le Foll, B. Brands. Centre for Addiction and Mental Health, Canada

104. Associations between interoceptive control of avoidance and morphine self-administration

S. Huang, S. Cervený, E. Steere, A. Valsan, G. Denney, M. Scott, H. Younesie, S. Abielmona, S. Robinson, A. Riley. American University, United States

105. Serum corticotropin releasing factor (CRF) and its correlation with stress in response to stress challenge in buprenorphine-maintained patients: An exploratory study

M. Kaur, B. Chatterjee, R. Quraishi, A. Dhawan. National Drug Dependence Treatment Center, All India Institute of Medical Science (AIIMS), India

106. Proposing an integrative, dynamic and transdiagnostic model for addictions: Dysregulation phenomena of the three main modes of the predostatic mind

F. H. P. Kessler, B. B. L. Loreto, A. O. Sordi, M. N. de Castro, F. Ornell, E. P. Guarnieri, T. H. Roza, J. B. Schuch, M. da Silveira Cima, F. Pechansky, E. H. Grevet, R. Grassi-Oliveira, A. G. Ruwel, L. von Diemen. Center for Drug and Alcohol Research, Brazil

107. The potential protective effect of melatonin and N-acetylcysteine alone and in combination on opioid-induced testicular dysfunction and degeneration in rats

N. Mohammadi¹, S. Shirian², A. Gorji³, M. Roshanpajouh¹, E. Ahmadi⁴, H. Nazari⁴, R. Arezoomandan⁵. ¹Department of Addiction, School of Behavioral Sciences and Mental Health, Tehran Institute of Psychiatry, Iran University of Medical Sciences, Iran; ²Department of Pathology, School of Veterinary Medicine, Shahrekord University, Iran; ³Epilepsy Research Center, Department of Neurosurgery, Westfälische Wilhelms-Universität, Germany; ⁴Research Institute of Animal Embryo Technology, Shahrekord University, Iran; ⁵School of Behavioral and Brain Sciences, the University of Texas at Dallas, United States

108. Ventral pallidum exhibits opposing cell-and-circuit-specific regulation of heroin seeking and refraining behavior

B. A. Owona, B. N. Kuhn, J. L. Hopkins, E. Dereschewitz, A. M. Kalasky, P. W. Kalivas. Department of Neuroscience, Medical University of South Carolina, United States

109. Differences between opiate and stimulant users in emotion-mediated “hot” and emotion-neutral “cool” impulsivity

E. Psederska¹, K. Bozgunov¹, G. Vasilev¹, J. Vassileva². ¹Bulgarian Addictions Institute, Bulgaria; ²Institute for Drug and Alcohol Studies, Virginia Commonwealth University, United States

110. Modulatory effects of muscarinic M1 receptor agonist (VU0364572) in the cellular response to cocaine in the mice nucleus accumbens and prefrontal cortex

C. R. Romero-Leguizamon, M. Thomsen. Mental Health Services, Capital Region, Denmark; University of Copenhagen, Denmark

111. Mu opioid receptor is expressed predominantly by GABAergic neurons in interpeduncular nucleus

A. Szlaga, S. Singhal, T. S. Hnasko. Department of Neurosciences, University of California San Diego, United States

Full abstracts are available online at www.drugabuse.gov/international/abstract-database.

- 112. Efficacy modulation by targeting the sodium binding allosteric site in the delta opioid receptor**
B. R. Varga¹, S. M. Bernhard¹, A. El Daibani¹, Sa. Zaidi², J. H. Lam², J. Aquilar¹, K. Appourchaux¹, A. Nazarova², A. Kouvelis¹, S. O. Eans³, E. B. Margolis⁴, J. F. Fay⁵, A. Pradhan¹, V. Katritch², J. P. McLaughlin³, S. Majumdar¹, T. Che¹. ¹Center for Clinical Pharmacology, University of Health Sciences & Pharmacy and Washington University School of Medicine, United States; ²Department of Quantitative and Computational Biology and Department of Chemistry, University of Southern California; United States; ³Department of Pharmacodynamics, University of Florida; United States; ⁴Weill Institute for Neurosciences, Department of Neurology, University of California, San Francisco, United States; ⁵Department of Biochemistry and Molecular Biology, University of Maryland, United States
- 206. Substance use and type of road traffic injury in Mexico City**
G. Borges¹, R. Orozco¹, R. Pérez-Núñez², F. Pechansky³. ¹Instituto Nacional de Psiquiatría, Mexico; ²Pan-American Health Organization, United States; ³Universidade Federal do Rio Grande do Sul; Hospital de Clínicas de Porto Alegre, Brazil
- 207. Vaping associated lung injury in Canadian children and adolescents: A national retrospective study of hospital discharge data**
N. Chadi, S. M. Tse. University of Montreal, Canada
- 208. Understanding methamphetamine usage in Bangladesh: Patterns of substance use and educational connections**
N. Chowdhury. Humphrey Fellowship Program, Virginia Commonwealth University, United States; Ministry of Health and Family Planning, Bangladesh
- 209. Imprisonment among people who use methamphetamine in Victoria, Australia: A prospective cohort study**
M. Curtis^{1,2}, B. Quinn², J. Stone³, L. Maher^{2,4}, P. A. Agius^{2,5,6}, M. Stoové^{2,6,7}, B. Ward⁸, R. Jenkinson^{2,6,9}, M. Hickman³, P. Higgs², P. Dietze^{1,2,6}. ¹National Drug Research Institute, Curtin University, Australia; ²Disease Elimination, Burnet Institute, Australia; ³Bristol Medical School, University of Bristol, United Kingdom; ⁴Kirby Institute, University of New South Wales, Australia; ⁵Faculty of Health, Deakin University, Australia; ⁶School of Public Health and Preventive Medicine, Monash University, Australia; ⁷School of Psychology and Public Health, La Trobe University, Australia; ⁸School of Rural Health, Monash University, Australia; ⁹Australian Institute of Family Studies, Australia
- 210. Correlates of substance use among senior high school students in the Accra Metropolitan Area**
R. Darko¹, F. Glozah². ¹Food and Drugs Authority, Ghana; ²University of Ghana, Ghana
- 211. The prevalence of cannabis use disorders in people who use medicinal cannabis: A systematic review and meta-analysis**
D. Dawson^{1,2}, D. Stjepanovic^{1,2}, C. Cheung², W. Hall^{1,2}, V. Lorenzetti³, J. Leung^{1,2}. ¹School of Psychology, Faculty of Health and Behavioural Sciences, The University of Queensland (UQ), Australia; ²National Centre for Youth Substance Use Research, Faculty of Health and Behavioural Sciences, UQ, Australia. ³Healthy Brain and Mind Research Centre, School of Behavioural and Health Sciences, Faculty of Health Science, Australian Catholic University, Australia
- 201. A qualitative assessment of substance addiction among people living with physical disabilities in Nigeria**
S. Adeyemo¹, R. Aroge², T. Ajao³, S. Okelola⁴. ¹Russell Hall Hospital, Dudley Group NHS, United Kingdom; ²University of Sussex Business School, United Kingdom; ³Olabisi Onabanjo University, Nigeria; ⁴Lionheart Ability Leaders International Foundation, Nigeria
- 202. On pins and needles: The emotional health and well-being of wives who care for husbands with substance use disorder in Pakistan**
S. Alyana. National University of Medical Sciences, Pakistan; ISSUP-Pakistan chapter, Pakistan
- 203. Exposure to e-cigarette online marketing and content on social media in high school students in Mexico City**
M. Azcárraga¹, X. González-López¹, A. R. Villa². ¹Universidad Panamericana, México; ²Universidad Nacional Autónoma de México, México
- 204. Actual situation in addiction services in Moldova during the Covid crisis and the war in Ukraine**
P. Bandati. IMSP Republican Dispensary of Addictions, Moldova
- 205. Alcohol and substance abuse among university students: Burden, risk factors, and consequences**
G. S. Bbosa, D. Nassali. Department of Pharmacology and Therapeutics, Makerere University College of Health Sciences, Uganda

Epidemiology

- 212. Reported increase in substance use following mass terrorism, and the roles of psychosocial factors: Evidence from a population sample in Israel following October 7 attack**
R. Eliashar¹, T. Zilberstein^{1,2}, D. Shmulewitz¹, V. Skvirsky¹, M. Vider¹, S. Lev-Ran^{1,3}. ¹Israel Center on Addiction, Israel; ²Department of Communication Studies, Ben-Gurion University of the Negev, Israel; ³Lev Hasharon Medical Center, Sackler Faculty of Medicine, Tel Aviv University, Israel
- 213. Longitudinal relationship and sex differences between depressive, anxiety, post-traumatic stress disorder symptoms and trauma-related drinking in college students**
M. Eltantawy^{1,2,3}, S. E. Hawn⁴, K. Bountress³, A. Amstadter³. ¹Humphrey Fellowship Program, Virginia Commonwealth University, United States; ²Damiatta University, Egypt, ³Virginia Institute for Psychiatric and Behavioral Genetics, Virginia Commonwealth University, United States; ⁴Old Dominion University, United States
- 214. Drivers of fatal and nonfatal overdose among street level drug users: A qualitative analysis of the experiences of drug users**
N. Essien. Centre for Research and Information on Substance Use, Nigeria
- 215. A comprehensive analysis of tobacco use among the tribal communities in India.**
D. L. Francis¹, S. SP². ¹School of Public Health, Kalinga Institute of Industrial Technology (KIIT) University, India; ²School of Dental Sciences, KIIT University, India
- 216. Neuroanatomical alterations in opioid use disorder: A comprehensive surface-based morphometry analysis**
A. Ghosh¹, A. Verma^{1,6}, S. Kaur², C. K. Ahuja³, R. Nehra⁴, P. Singh³, M. Modi⁵, D. Basu⁴. ¹Drug Deaddiction and Treatment Center, Department of Psychiatry, Postgraduate Institute of Medical Education and Research (PIMER), India; ²Department of Computer Science and Engineering, Thapar Institute of Engineering and Technology, India; ³Department of Radiodiagnosis and Imaging, PIMER, India; ⁴Department of Psychiatry, PIMER, India; ⁵Department of Neurology, PIMER, India; ⁶Department of Psychology, Panjab University, India
- 217. Patterns of methamphetamine usage among people on methadone maintenance in Vietnam**
T. H. V. Hoang¹, B. D. Nguyen², T. T. Nguyen², T. T. Dinh², L. Michael³, L. Li⁴, S. Shoptaw³, V. D. Do⁵, T. T. Thai⁵, G. Le Minh². ¹Department of Global Health, Institute of Preventive Medicine and Public Health, Hanoi Medical University, Vietnam; ²Center for Training and Research on Substance Use & HIV, Hanoi Medical University, Vietnam; ³Center for Behavioral and Addiction Medicine, Department of Family Medicine, University of California, Los Angeles, United States; ⁴Department of Epidemiology, Fielding School of Public Health, University of California, Los Angeles, United States; ⁵Faculty of Public Health, University of Medicine and Pharmacy at Ho Chi Minh City, Vietnam
- 218. Reproductive outcomes, prenatal healthcare utilization, and predictors among the justice-involved young women who used drugs: A population-based data linkage study in Taiwan**
T-W. Hsieh¹, R. Siew², W. Rei², S. Wang¹, C. Chen^{1,2}. ¹Center for Neuropsychiatric Research, National Health Research Institutes, Taiwan; ²Institute of Public Health, National Yang Ming Chiao Tung University, Taiwan
- 219. Methadone assisted treatment in Tanzania: A ten-year reflection**
P. Kaduri¹, E. Mndeme², B. Brands³. ¹Centre for Addiction and Mental Health, Canada; ²Ministry of Health, Community Development, Gender, Elderly and Children, Tanzania; ³Health Canada, Canada
- 220. Kratom consumed in Southeast Asia versus products consumed in the United States**
T. Karunakaran, V. B. Kasinather. Universiti Sains Malaysia, Malaysia
- 221. The impact of cannabis market regulation on adolescents in Uruguay**
L. Keuroglian, J. Ramírez, H. Suárez. Drug Observatory of Uruguay, National Drug Secretariat, Uruguay
- 222. Prevalence and predictors of mental health disorders among people who inject drugs: Findings from a biobehavioral survey in Serbia**
B. Kilibarda, S. Baros, D. Simic, V. Jovanovic. Institute of Public Health of Serbia, Serbia

- 223. Comparison of patient hospital discharge and communication practices between long-term and episodic opioid users: A qualitative study**
S. Kurteva¹, N. Nassar², R. Tamblyn². ¹University of British Columbia, Canada; ²McGill University, Canada
- 224. Association of illicit drug use with accidents: A self-report online survey**
F-H. Lin¹, C. Huang², C. T. Lee³, J. Liao³, J. Guo³. ¹School of Nursing, College of Medicine, National Taiwan University, Taiwan; ²Institute of Clinical Nursing, College of Nursing, National Yang Ming Chiao Tung University, Taiwan; ³Department of Health Promotion and Health Education, National Taiwan Normal University, Taiwan
- 225. Succinylcholine and vecuronium abuse in a female health care worker with comorbid opioid use disorder**
D. M., V. K. Sandhu, P. Mandal, A. Ambekar, P. Dayal. National Drug Dependence and Treatment Centre, Department of Psychiatry, All India Institute of Medical Sciences, India
- 226. HIV among people who inject drugs and the role of methadone treatment in Heng County, China, 2006 to 2023**
L. Ma¹, J. Huang², S. Liang³, L. He¹, D. Metzger⁴. ¹National Center for AIDS/STD Control and Prevention, China; ²Heng County Center for Disease Control and Prevention (CDC) of Guangxi Province, China; ³Guangxi Province CDC, China; ⁴University of Pennsylvania, United States
- 227. Comprehensive study on HIV/AIDS and substance use among key populations in Balochistan, Pakistan**
Z. Mandokhail^{1,2}, W. L. Kliewer³. ¹Humphrey Fellowship Program, Virginia Commonwealth University, United States; ²Youth Association for Development, Pakistan; ³Department of Psychology, Virginia Commonwealth University, United States
- 228. Prevalence and factors associated with substance use among university students in Eswatini: Implications for prevention**
S. K. S. Masuku^{1,2}, F. S. Shabalala², W. L. Kliewer³. ¹Humphrey Fellowship Program, Virginia Commonwealth University, United States; ²Department of Community Health Nursing Science, Faculty of Health Sciences, University of Eswatini, Eswatini; ³Department of Psychology, Virginia Commonwealth University, United States
- 229. Understanding risk and protective factors in the victim-offender overlap for persons utilizing substance use treatment in Chile**
M. Mateo^{1,2}, T. McGee¹, C. Bond¹, J. Payne¹. ¹Griffith University, Australia; ²Millennium Nucleus for the Evaluation and Analysis of Drug Policies, Chile
- 230. Gabapentinoid misuse and symptoms of dependence: A qualitative systematic review**
A. McNeilage¹, S. Nielsen², B. Murnion³, C. A. James¹. ¹The University of Sydney, Australia; ²Monash University, Australia; ³The University of New South Wales, Australia
- 231. Contextual factors influencing engagement with overdose prevention spaces: Services among a community-based cohort of women sex workers who use drugs in Metro Vancouver (2017-2022)**
S. Moreheart^{1,2}, C. Zhou¹, W. Bartels¹, A. Krusi^{1,3}, K. Hayashi^{2,4}, S. Goldenberg^{1,5}. ¹Centre for Gender and Sexual Health Equity, Canada; ²Simon Fraser University, Canada; ³University of British Columbia, Canada; ⁴British Columbia Centre on Substance Use, Canada; ⁵San Diego State University, United States
- 232. Substance use-related violent crimes among street children and adolescents in Ugandan towns.**
D. Musoke, A. Mason, G. Parra. University of Nebraska-Lincoln, United States
- 233. Emerging adults' cannabis use in Georgia following legalization**
I. Nadareishvili^{1,2,3}, S. R. Rao⁴, D. Otiashvili^{5,6}, N. Gnatenko^{1,2}, J. H. Samet^{1,2}, K. Lunze^{*1,2}, I. Kirtadze^{*5,7} [*contributed equally]. ¹Boston University Chobanian and Avedisian School of Medicine, United States; ²Boston Medical Center, Department of General and Internal Medicine, United States; ³David Tvildiani Medical University, Georgia; ⁴Boston University School of Public Health, United States; ⁵Addiction Research Center, Alternative Georgia, Georgia; ⁶Illia State University School of Natural Sciences and Medicine, Georgia; ⁷Illia State University School of Arts and Sciences, Georgia
- 234. Emotional violence among children of parents with substance use disorders at Kisauni Methadone Assisted Treatment Clinic**
J. Ndarathi, M. Mwakazi. Kisauni Methadone Assisted Treatment Clinic, Kenya

- 235. Trends in the use of four psychoactive substances in Tunisian students between 2013 and 2021**
A. Neffati¹, M. Zribi², H. Bouguerra¹, S. Rejaibi², N. Zoghalmi², M. Zid², H. A. Skhiri². ¹Studies and Planning directorate, Ministry of Health, Tunisia; ²National Institute of Health, Tunisia
- 236. Drug use profile of adolescents from northern Mexico**
C. C. Norzagaray Benitez, J. G. Rodríguez Gutiérrez, M. R. López Saucedo. Universidad de Sonora, México
- 237. Delay discounting serves as a mediator on the path between substance use and pathological gambling among male undergraduate students**
C. W. Obioha¹, P. C. Nwobodo², N. A. Chukwuemeka². ¹Central Hospital, Delta State, Nigeria; ²Department of Psychology, University of Nigeria, Nigeria
- 238. Parenting and school context differentiate Nigerian adolescents' profiles of substance use**
M. O. Agwogjie¹, I. A. Olatunde¹, W. Kliewer², E. Mattfeld³, O. A. Somoye⁴, B. A. Ola⁵. Department of Training, Research and Publications, Global Initiative on Substance Abuse, Nigeria; ²Department of Psychology, Virginia Commonwealth University, United States; ³Prevention, Treatment and Rehabilitation Unit, United Nations Office on Drugs and Crime, Austria; ⁴Department of Child Guidance, School Counseling and Special Education, Lagos State Ministry of Education, Nigeria; ⁵Department of Behavioural Medicine, Lagos State University, Nigeria
- 239. Environmental tobacco smoke as a risk factor to increasing respiratory childhood infection and pneumonia in South-West Region Nigeria**
S. Omiyefa¹, R. Osoba². ¹University of Wisconsin-Madison, United States; ²Youth Action on Tobacco Control and Health, Nigeria
- 240. PrEP and the other drugs: Sexualized alcohol and drugs use among men who have sex with men and the HIV PrEP care continuum in Thailand: A mixed method study**
A. Oon-arom^{1,2}, D. Grelotti³, K. Srithanaviboonchai⁴, C. Angurawaranont⁵, S. Larkins⁶, S. Lee⁷. ¹Department of Psychiatry, Faculty of Medicine, Chiang Mai University, Thailand; ²Center for Addiction and Mental Health, Canada; ³Department of Psychiatry, University of California, San Diego, United States; ⁴Research Institute for Health Sciences, Department of Community Medicine, Faculty of Medicine, Chiang Mai University, Thailand; ⁵Global Health Research Center, Faculty of Medicine, Chiang Mai University; ⁶Integrated Substance Abuse Programs, Semel Institute for Neuroscience and Human Behavior, University of California, Los Angeles (UCLA), United States; ⁷Department of Psychiatry and Biobehavioral Sciences, David Geffen School of Medicine, UCLA, United States
- 241. Smoking behavior: Correlates of smoking cessation and perception of dentists' role in cessation interventions among past and current smokers in Lagos, Nigeria.**
A. Oyapero^{1,2}, O. Erinoso³, S. Kareem¹. ¹Smoking Cessation Clinic, Lagos State University Teaching Hospital, Nigeria; ²Department of Preventive Dentistry, Lagos State University College of Medicine, Nigeria; ³Division of Social and Behavioral Health, School of Public Health, University of Nevada, United States
- 242. Cannabis with a high concentration of tetrahydrocannabinol**
A. Pascale. University of Montevideo, Uruguay
- 243. Mephentermine dependence: Analysis of twelve cases and a systematic review**
V. Patel, Harsha, A. Kumar, R. Quraishi, R. Rao. National Drug Dependence Treatment Center, All India Institute of Medical Sciences, India
- 244. Denial of prescription pain medication among people who use drugs in Vancouver, Canada**
E. Piret¹, M. Milloy¹, P. Voon², J. Choi², K. DeBeck³, K. Hayashi³, T. Kerr¹. ¹University of British Columbia, Canada; ²British Columbia Centre on Substance Use, Canada; ³Simon Fraser University, Canada

- 245. The impact of cultural models of addiction on perceived recovery: Evidence from three countries**
C. Placek¹, L. Adair². ¹Ball State University, United States; ²Brunel University, United Kingdom
- 246. Sexually transmitted infection prevalence among people who inject drugs: A systematic review**
O. Price¹, J. Ireland¹, A. Peacock¹, P. Webb¹, S. Ottaviano¹, S. Colledge-Frisby¹, A. Wheeler², A. Willing², A. Kairouz², E. B. Cunningham², B. Hajarizadeh², J. Leung³, L. T. Tran¹, P. Vickerman⁴, M. Farrell¹, G. J. Dore², M. Hickman⁴, J. Grebely², L. Degenhardt¹. ¹National Drug and Alcohol Research Centre, University of New South Wales (UNSW), Australia; ²Kirby Institute, UNSW, Australia; ³University of Queensland, Australia; ⁴Population Health Science, Bristol Medical School, University of Bristol, England
- 247. Changes in hepatitis C prevalence and incidence after the introduction of universal access to direct-acting antivirals in Australia: Findings from a prospective cohort of people who inject drugs**
R. Sacks-Davis^{1,2,3}, P. Smith^{1,2}, T. Fisher^{1,2}, P. Higgs^{1,4}, P. Aung^{1,2}, M. Stooze^{1,2,5}, P. Dietze^{1,2,5}. ¹Burnet Institute, Australia; ²Monash University, Australia; ³The University of Melbourne, Australia; ⁴La Trobe University, Australia; ⁵National Drug Research Institute, Curtin University, Australia
- 248. Quantifying the impact of opioid agonist treatment on suicide mortality in New South Wales, Australia: A population-level analysis from 2001 to 2020**
T. Santo, Jr.¹, A. Chaillon², N. Martin^{2,3}, C. Bharat¹, N. Jones¹, A. Borquez^{1,2}, L. Degenhardt¹. ¹National Drug and Alcohol Research Centre, University of New South Wales, Australia; ²Division of Infectious Diseases and Global Public Health, University of California, San Diego, United States; ³Population Health Sciences, University of Bristol, United Kingdom
- 249. Investigating the relationship between childhood sexual abuse and substance use among university female students in Pakistan**
J. M. Shujaat¹, M. Qasim². ¹Government Mmns Associate College Sargodha, Pakistan; ²Azm Addiction and Psychological Treatment Centre Sargodha, Pakistan
- 250. Nonmedical use of anxiolytics among Tunisian students: Connecting the dots from 2013 to 2021**
A. Silini, S. Rejaibi, M. Zid, N. Zoghalmi, I. Ben Slema, R. Mallekh, S. Ben Youssef, H. Aounallah-Skhiri. National Institute of Health, Tunisia
- 251. Deaths by despair among indigenous people in Brazil: Trends from the past two decades**
V. Soares Tardelli¹, T. M. Fidalgo¹, S. S. Martins². ¹Universidade Federal de São Paulo, Brazil; ²Columbia University, United States
- 252. Substance use and suicide risk among adults who sought mental health and addiction specialty services through a centralized intake process in Nova Scotia**
M. Soboka, S. Stewart, P. Tibbob, J. Wang. Dalhousie University, Canada
- 253. Prevalence of methamphetamine/amphetamine usage and demographics of users in Ontario based on laboratory drug screen results**
P. Thandrasila^{1,2}, M. Silverman^{1,3}, M. Lam⁴, C. Forchuk⁵, A. Rudnick⁶, K. Lee⁷, S. Koivu⁷, R. Lodhi⁵, E. Guarasci⁵, J. Serrato⁵, K. Anderson^{1,4}. ¹Department of Epidemiology and Biostatistics, Western University, Canada; ²Parkwood Institute Research, Canada; ³Department of Medicine, Division of Infectious Diseases, Western University, Canada; ⁴Institute for Clinical Evaluation Sciences Western, Canada; ⁵Department of Psychiatry, Western University, Canada; ⁶Department of Psychiatry, Dalhousie University, Canada; ⁷Department of Family Medicine, Western University, Canada
- 254. Preventing substance use and misuse among HIV-positive adolescents in the south of the Kyrgyz Republic.**
G. Toialieva. Humphrey Fellowship Program, Virginia Commonwealth University, United States; "Zhalyn", Kyrgyzstan
- 255. Impact of drug and alcohol use on family, work, emotional and leisure time life**
A. Villamil-Sánchez, A. Pérez-Gómez. Corporación Nuevos Rumbos, Colombia

256. Quantifying the longitudinal association between social norms and relative harm perception towards cigarettes and heated tobacco products and subsequent product use among people who use cigarettes and heated tobacco products in Japan: Findings from the 2018–2021 International Tobacco Control (ITC) Japan Surveys

G. T. Vu^{1,2}, J. Leung^{1,2}, A. Cho³, D. Stjepanović^{1,2}, T. Sun^{1,2}, J. Connor^{1,2,4}, P. Thai⁵, C. Gartner³, W. Hall^{1,2}, G. T. Fong⁶, S. Gravely⁶, A. C. K. Quah⁶, S. X. Xu⁶, G. Chan¹. ¹National Centre for Youth Substance Use Research, University of Queensland (UQ), Australia; ²School of Psychology, UQ, Australia; ³National Health and Medical Research Council, Centre of Research Excellence on Achieving the Tobacco Endgame, School of Public Health, Faculty of Medicine, UQ, Australia; ⁴Discipline of Psychiatry, UQ, Australia; ⁵Queensland Alliance for Environmental Health Sciences, UQ, Australia; ⁶University of Waterloo, Canada

257. Cannabis use experiences, knowledge, and effect expectancies among Thai young adults at risk of HIV acquisition during national decriminalization

P. Yimsaard^{1,2}, Kathryn E. Lancaster³, T. Ratchatasitthigul⁴, K. Samitpol⁴, R. Janamnuysook⁴, M. Chidaycha¹, J. Ross⁵, N. Phanuphak⁴. ¹Department of Psychiatry, King Chulalongkorn Memorial Hospital, Thai Red Cross Society, Thailand; ²Department of Psychiatry, Faculty of Medicine, Chulalongkorn University, Thailand; ³Department of Implementation Science, Division of Public Health Sciences, Wake Forest University School of Medicine, United States; ⁴Institute of HIV Research and Innovation, Thailand; ⁵amfAR - TREAT Asia, Thailand

Informational

301. Understanding of the brain disease model of addiction and its relation to substance use risks among young adults in Taiwan

Y. J. Chang. National Taiwan Normal University, Taiwan

302. Looking into the implications of the rescheduling of cannabis: How far have we come?

A. Chattopadhyay. Jawaharlal Institute of Postgraduate Medical Education and Research, India

303. Building bridges between business and nonprofit organizations (NGO) in Russia

I. Fatkhullina. Humphrey Fellowship Program, Virginia Commonwealth University, United States; Young Leaders NGO, Russia

304. International drug policy study trends with psychedelic drugs: A spotlight on psilocybin, lysergic acid diethylamide (LSD), and three,4-methylenedioxymethamphetamine (MDMA)

M. Graham^{1,2}, Wayne Hall³, R. Liccardo Pacula², D. Hammond⁴. ¹Monash Addiction Research Centre, Monash University, Australia; ²Schaeffer Center for Health Policy and Economics, University of Southern California, United States; ³National Centre for Research on Youth Substance Use Research, University of Queensland, Australia; ⁴University of Waterloo, Canada

305. Healthcare profession student and medical cannabis: Knowledge, attitudes, beliefs and association with legal status.

R. Isralowitz¹, Y. Zolotov², A. Reznik¹, L. Mendoza Temple³, M. Kogan⁴. ¹Regional Alcohol and Drug Abuse Research Center, Ben-Gurion University of the Negev, Israel; ²Division of General Internal Medicine, Albert Einstein College of Medicine, United States; ³University of Chicago and Endeavor Health System, United States; ⁴George Washington University, United States

306. Follow-up assessment results: Virginia Commonwealth University Humphrey Program effects are stable across region and sex

A. Wynn, W. Kliewer, R. Balster, J. R. Koch, H. Ashton. Virginia Commonwealth University, United States

307. Educational reform and drug prevention in Sonora, Mexico: Opportunities and challenges

E. Moreno-Rodríguez¹, M. Espinoza-Romero², G. Gonzalez-Lizarraga². ¹Benemérita y Centenaria Escuela Normal del Estado de Sonora, México; ²Universidad de Sonora, México

308. Substance use dependence needs treatment, not imprisonment: Arguments and challenges of implementing alternatives to imprisonment for substance users in Pakistan

A. Nawaz^{1,2}, L. Cathers³, A. Abdulrahim³. ¹Humphrey Fellowship Program, Virginia Commonwealth University, United States; ²United Nations Office on Drugs and Crime, Pakistan; ³College of Health Professions, Virginia Commonwealth University, United States

309. An approach for converting clicks through rates for increased visibility of substance use disorders therapists in Kenya

L. Oigara, N. Mruttu, J. Letoo. Cognitive Behavioral Therapy Kenya, Kenya

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310. Public health and safety impacts of cannabis legalization in Canada

J. Renard, N. Sanger, S. Wood, R. Gabrys. Canadian Center on Substance Use and Addiction, Canada

311. Ethical considerations for using biometric enrollment technology with persons who injection drugs in Ciudad Juárez, México

S. Villalobos Alavez¹, L. Garcia-Rodriguez², M. Á. J. Santos¹, J. Lechuga³, J. Salazar⁴, M. E. Ramos Rodriguez¹, J. A. Saucedo², A. M. Roth⁵, N. T. Ludwig-Barron². ¹Programa Compañeros, Mexico; ²Department of Medicine, Division of Prevention Science, University of California, San Francisco, United States; ³Department of Psychology, Hunter College City University of New York, United States; ⁴Department of Medicine, Division of HIV, Infectious Disease, and Global Medicine, University of California, San Francisco, United States; ⁵Department of Community Health and Prevention, Drexel Dornsife School of Public Health, United States

Prevention

401. Suicide proneness among students using drugs in higher education institutions in Pakistan

S. Aftab, S. Shahzad, U. Ali, S. Shahzad, H. Mukhtar, I. Ali, R. Farooqi. Institute of Clinical Psychology, University of Karachi, Pakistan

402. Drug-related stigma and injection risk behavior among Tajik migrant workers who inject drugs in Moscow

M. Bahromov¹, L. D. Williams², J. A. Levy², J. Jonbekov¹, C. M. Luc², M. E. Mackesy-Amiti². ¹PRISMA Research Center, Tajikistan; ²University of Illinois Chicago, School of Public Health, United States

403. Facilitators and barriers to implementing a substance use prevention intervention with seventh graders in Cartagena, Colombia

Z. Cogollo¹, L. Hernández¹, S. Kulis², F. Marsiglia². ¹Universidad De Cartagena, Colombia; ²Global Education for Applied Health Research, Arizona State University, United States

404. Marijuana and alcohol use among children

A. Drammeh. ISSUP-Gambia Chapter, Gambia

405. Opioid agonist therapy scale-up in Ukraine

T. Fomenko¹, A. Meteliuk¹, L. Madden^{2,3}, R. Ivasiy³, S. Farnum², I. Pykalo⁵, M. Filippovych⁵, Z. Islam¹, F. L. Altice^{3,4}. ¹ICF Alliance for Public Health, Ukraine; ²APT Foundation, United States; ³Yale University School of Medicine, Section of Infectious Diseases, AIDS Program, United States; ⁴School of Public Health, Division of Epidemiology of Microbial Diseases, Yale University, United States; ⁵European Institute of Public Health Policy, Ukraine

406. User preferences for an mHealth app to improve access to chemsex-related harm reduction needs: Findings from a qualitative study of chemsex-involved men who have sex with men in Malaysia

K. Gautam¹, A. Ahmed², C. Uyer^{1,4}, J. A. Wickersham⁴, K. Paudel¹, L. H. Sim⁵, T. Ha⁶, R. Shrestha¹. ¹Department of Allied Health Sciences, University of Connecticut, United States; ²Department of Pharmacy Practice, Riphah Institute of Pharmaceutical Sciences, Riphah International University, Pakistan; ⁴AIDS Program, Yale School of Medicine, United States; ⁵Centre of Excellence for Research in AIDS, Faculty of Medicine, University of Malaya, Malaysia; ⁶University of Pittsburgh, School of Public Health, United States

407. Predators of substance use disorder symptoms among women in Katsina State, Nigeria

M. B. Ibrahim¹, M. Agwogbe², W. Kliever³. ¹National Drug Law Enforcement Agency, Nigeria; ²Global initiative for Substance Abuse, Nigeria; ³Virginia Commonwealth University, United States

408. Enhancing HIV testing accessibility in Uganda through digital HIV self-testing

S. Jamal, N. Shivane. Biha Pal Care, Uganda

- 409. Evaluation of audit and feedback to family physicians on prescribing of opioid analgesics to opioid-naïve patients: Findings from a mixed-methods pragmatic trial**
J. Klimas¹, S. Narayan¹, M. Maclure³, I. Cooper⁴, M. Cui⁵, W. Cullen⁶, C. Dormuth³, M.-A. Hamilton¹, S. Nolan^{5,7}, J. Singer^{2,8}, M. E. Socías^{5,7}, S. Wong^{9,10}, R. McCracken^{1,2}. ¹Department of Family Practice, University of British Columbia (UBC), Canada; ²Centre for Health Evaluation and Outcome Sciences, UBC, Canada; ³Therapeutics Initiative, Department of Anaesthesiology, Pharmacology and Therapeutics, UBC, Canada; ⁴Cummings School of Medicine, University of Calgary, Canada; ⁵British Columbia Center on Substance Use, Canada; ⁶School of Medicine, University College Dublin, Ireland; ⁷Department of Medicine, Faculty of Medicine, UBC, Canada; ⁸School of Population and Public Health, UBC, Canada; ⁹Centre for Health Services and Policy Research, UBC, Canada; ¹⁰School of Nursing, UBC, Canada
- 410. The influence of leadership programs in the fight against alcohol and drug abuse among secondary school students in Kenya: A case of Kajiado North Sub-County**
K. Marau. National Authority for the Campaign against Alcohol Drug Abuse, Kenya
- 411. Who drops out of opioid agonist treatment program in Ukraine and why: National-level data**
A. Meteliuk², T. Fomenko¹, K. Savchenko¹, Z. M. Islam¹, D. C. Ompad^{3,4}. ¹Alliance for Public Health, Ukraine; ²Institute of Human Sciences, Borys Grinchenko Kyiv University, Ukraine; ³Department of Epidemiology, School of Global Public Health, New York University, United States; ⁴Center for Drug Use and HIV/HCV Research, New York University, United States
- 412. Social adverse childhood experiences and active violence among Tunisian adolescents: Assessing the mediation effects of substance use and resilience**
I. Mlouki^{1,2}, N. Aouichri¹, E. Hariz², A. Silini², R. Ayoub¹, H. El Omma Mrabet¹, N. Rezg², S. El Mhamdi^{1,2}. ¹Faculty of Medicine of Monastir, University of Monastir, Tunisia; ²University Hospital of Mahdia, Tunisia
- 413. The assessment of drug use experiences among junior secondary school students: A pre-evaluation for Keepin'it REAL pilot intervention in Lagos State**
D. Molobe¹, O. Odukoya², M. Balogun², F. Marsiglia³, S. Kulis³. ¹Unified Initiative for a Drug Free Nigeria, Nigeria; ²University of Lagos, Nigeria; ³Arizona State University, United States
- 414. Mental health resiliency and preventive parenting skills training for parents on methadone or buprenorphine maintenance treatment in Iran**
S. Momtazi¹, A. Hajebi², Z. Jamshidi³. ¹Iranian Canadian Mental Health, Canada; ²Iran University of Medical Sciences, Iran; ³Substance Abuse, Prevention and Treatment Office, Iran
- 415. Syndemic factors and resiliency among female sex workers engaged in drug use in Kampala Capital City: A qualitative study**
B. Mukubba¹, J. Masika², D. D. Muheni³, A. Nambeela³, D. Ssuuna², M. Wamusha². ¹Alliance of Women Advocating for Change, Uganda; ²Mbale Regional Referral Hospital, Uganda; ³Most At Risk Population Initiative Uganda, Uganda
- 416. The youth perspective on family intervention strategies for substance use disorders among the youth. A case of selected rehabilitation centres in Nairobi County, Kenya**
V. W. Nyagah. The Kiambu National Polytechnic, Kenya
- 417. Drug checking approaches to monitoring the illicit drug supply: Evidence, practice, and emerging research**
J. N. Park¹, J. A. Sanchez Lira², J. Cepeda³, T. Green⁴. ¹Division of General Internal Medicine, Warren Alpert Medical School, Brown University, United States; ²School of Public Health, University of Victoria, Canada; ³Department of Epidemiology, Bloomberg School of Public Health, Johns Hopkins University, United States; ⁴Heller School for Social Policy and Management, Brandeis University, United States
- 418. The intersection of gender and fatal opioid overdoses: A systematic review and meta-analysis**
L. Picco, L. Neumaier, N. Karimi, W. Chung Tse, T. Lam, S. Nielsen. Monash Addiction Research Centre, Eastern Health Clinical School, Monash University, Australia

Treatment

- 419. Pathways of care for persons with substance use disorders choosing traditional medicine: A multicentric study from India**
K. Rina¹, A. Ghosh², A. Basu¹, A. Guha¹, R. Haokip Hoineiting¹, T. Mahintamani³, D. Mukherjee³, P. Kumar⁴, S. Prasad⁴, A. Somani⁵, N. Nebhinani⁶, N. Suthar⁶, L. Singh⁵, R. Gupta⁷, S. Arya⁸, S. Mishra⁹, S. Kumar Padhy⁹, D. Basu², S. Khanra¹⁰, B. Das¹⁰. ¹All India Institute of Medical Sciences (AIIMS)-Kalyani, India; ²Postgraduate Institute of Medical Education and Research, Chandigarh, India; ³Lokopriya Gopinath Bordoloi Regional Institute of Mental Health, Tezpur, India; ⁴AIIMS-Patna, India; ⁵AIIMS-Raipur, India; ⁶AIIMS-Jodhpur, India; ⁷AIIMS-Rishikesh, India; ⁸Institute of Mental Health, Pandit Bhagwat Dayal Sharma, University of Health Sciences, India; ⁹AIIMS-Bhubaneswar, India; ¹⁰Central Institute of Psychiatry, Ranchi, India
- 420. Influence of persuasive messaging on adolescent substance use within the changing family structures of Bayelsa, Nigeria: A harm reduction perspective**
G. Scent¹, E. Azibakanye², W. Iniyi³, A. Omidijji⁴, P. Asuk⁵. ¹Institute of Health Psychology, Claremont Graduate University, United States; ²Ogbia Local Government Council Secretariat, Nigeria; ³Department of Educational Foundations Niger Delta University, Nigeria; ⁴Department of Geography and Environmental Management, Niger Delta University, Nigeria; ⁵Ignatius Ajuru University of Education, Nigeria
- 421. Use of community-based harm reduction under the extreme conditions of COVID and political conflict in Myanmar**
T. Tun. Humphrey Fellowship Program, Virginia Commonwealth University, United States; Best Shelter, Burma [Myanmar]
- 501. Increasing adherence to anti-retro-viral therapy among HIV positive inmates**
A. Abagiu¹, R. Agurida², A. Pascu¹, A. Iliescu². ¹National Institute for Infectious Diseases Prof. Dr. Matei Bals, Romania; ²Jilava Prison Hospital, Romania
- 502. Long-term HIV virological treatment outcomes in adolescents and young adults on antiretroviral therapy in Jos, Nigeria**
J. Anejo-Okopi¹, A. O. Oladipo², C. O. Isichei^{3,4}, G. Itzikowitz^{5,6}. ¹Department of Microbiology, Federal University of Health Sciences (FUHS), Nigeria; ²Department of Biological Sciences, FUHS, Nigeria; ³Department of Chemical Pathology, University of Jos and Jos University Teaching Hospital, Jos, Nigeria; ⁴Faith Alive Foundation Hospital, Jos, Nigeria; ⁵Department of Pediatrics and Child Health, University of Cape Town (UCT), South Africa; ⁶Desmond Tutu Health Foundation, UCT, South Africa
- 503. Managing substance use disorder through mindfulness cognitive behavior therapy guided reframing methods: Evidence from Kenya**
J. A. Anundo. Amref International University, Kenya
- 504. Importance and satisfaction of a smartphone-based intervention app for youths with stimulant use disorder: A pilot study**
A. D. Azmi¹, S. Wahab¹, M. F. Nasrudin², M. J. Ab Aziz², M. A. Zulkifly¹. ¹Universiti Kebangsaan, Malaysia Medical Centre, Malaysia; ²Faculty of Information Science and Technology, Universiti Kebangsaan, Malaysia
- 505. European facility survey questioner for Palestinian substance use disorder treatment facilities**
S. A. S. Belbaisi. Unite Anti-Narcotics and Psychotropic Substances Unite, Palestinian Ministry of Health, Palestine

- 506. What does recovery mean to you: Using survey's audio-recorded responses through a mixed-methods approach to uncover recovery meanings among people seeking substance use disorder treatment**
I. Bórquez^{1,2}, M. Mateob³, N. Krawczyk¹, D. Frank⁴, E. Valenzuela⁵, S. Dupré⁵, Á. Castillo-Carniglia^{2,6}.
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- 507. Client preferences for the design and delivery of injectable opioid agonist treatment services: Results from a best-worst scaling task**
S. Dobischok¹, R. Metcalfe², N. Bansback³, S. MacDonald⁴, D. Byres⁵, J. Lajeunesse⁶, S. Harrison⁶, B. Koch⁷, B. Topping⁸, T. Brock⁹, J. Foreman¹⁰, M. Schechter³, E. Oviedo-Joekes³. ¹McGill University, Canada; ²Core Clinical Services, Canada; ³University of British Columbia, Canada; ⁴Crosstown Clinic, Canada; ⁵Provincial Health Services Authority, Canada; ⁶Providence Health Care, Canada; ⁷Dr. Peter Centre, Canada; ⁸Downtown Community Health Centre, Canada; ⁹Lookout Society, Canada; ¹⁰Hope to Health, Canada
- 508. Prescribing psychotropics in adults with opioid use disorder receiving medication agonist treatment: Evaluation of appropriateness and effectiveness**
H. F. Elarab¹, M. Shawky², J. Marsden³, A. Adem⁴, A. J. Lee⁵, N. Hasan⁶, D. Radwaan⁷, A. Muneer⁸, M. Assaf⁹. ¹AGORA AV Ltd., United Arab Emirates; ²Assuit University, Egypt; ³King's College London, United Kingdom; ⁴Khalifa University for Science and Technology, United Arab Emirates; ⁵Aberdeen University, United Kingdom; ⁶Reem Hospital, United Arab Emirates; ⁷Ministry of Health, New South Wales, Australia; ⁸Al Amal Psychiatric Hospital, United Arab Emirates; ⁹Ain Shams University, Egypt
- 509. Establishing smoke-free homes in Egypt: Success in training providers to counsel pregnant women on second-hand smoke avoidance**
O. El-Shahawy^{1,2}, K. Labib², S. Sherman¹, W. Anwar². ¹Department of Population Health, New York University Grossman School of Medicine, United States; ²Faculty of Medicine, Ain Shams University, Egypt
- 510. Recruitment for a pilot clinical trial of ketamine for methamphetamine use disorder in young people aged 15 to 25 years-old: Lessons learned**
A. Guerin¹, E. Mullen², E. Karanges¹, A. Quinn¹, O. Schwartz¹, S. Arunogiri³, C. Loo⁴, A. Chanen¹, E. Cementon², G. Bedi¹. ¹University of Melbourne, Australia; ²Orygen, Australia; ³Monash University, Australia; ⁴University of New South Wales, Australia
- 511. Intranasal versus intravenous naloxone in pediatric opioid poisoning: A pilot randomized clinical trial**
N. Gholami¹, A. Kristian Skulberg^{2,3}, F. Farnaghi¹, N. Zamani⁴, A. A. Kolahi⁵, R. McDonald⁶, H. Hassanian-Moghaddam^{5,7}. ¹Department of Pediatrics, Loghman-Hakim Hospital, School of Medicine, Shahid Beheshti University of Medical Sciences, Iran; ²Division of Prehospital Services, Oslo University Hospital, Norway; ³Department of Circulation and Medical Imaging, Norwegian University of Science and Technology, Norway; ⁴Department of Internal Medicine, Saint Agnes Medical Center, United States; ⁵Social Determinants of Health Research Center, Shahid Beheshti University of Medical Sciences, Iran; ⁶Norwegian Centre for Addiction Research, University of Oslo, Norway; ⁷Department of Clinical Toxicology, Shohada-e Tajrish Hospital, School of Medicine, Shahid Beheshti University of Medical Sciences, Iran
- 512. Clinical and demographic profiles of inpatient substance use disorder: Insights from Rwanda**
J. M. Iyamuremye^{1,2}, C. Cassady². ¹Icyizere Psychotherapeutic Center, Rwanda; ²Ndera Neuropsychiatric Teaching Hospital, Rwanda
- 513. Antipsychotic use among persons with substance-induced psychosis vs. first-episode psychotic disorders: A nationwide register-linkage study in Sweden**
J. Jeyapalan^{1,2}, S. Niemela^{1,3}, H. Taipale^{4,5,6}. ¹Department of Psychiatry, University of Turku, Turku; ²Department of Psychiatry, Vaasa Central Hospital, Finland; ³Department of Psychiatry, University Hospital Turku, Finland; ⁴Clinical Neuroscience, Karolinska Institute, Sweden; ⁵Niuvanni Hospital, Finland; ⁶Neuroscience Centre, University of Helsinki, Finland
- 514. A stakeholder-driven approach to developing a peer recovery coach role for implementation in community-based health teams in South Africa**
K. Johnson¹, K. Regenauer², I. Brown², A. L. Rose², N. Ciba¹, S. Ndamase¹, J. F. Magidson², B. Myers³. ¹South African Medical Research Council, South Africa; ²University of Maryland, United States; ³Curtin University, Australia

- 515. Combatting HIV epidemic using opioid agonist therapy among people who inject drugs in Central Asia**
J. H. Kim¹, F. L. Altice^{1,2,3}, A. Alaei⁴, A. Terlikbayeva⁵, N. Shumskaya⁶, S. Primbetova⁵, L. M. Madden^{1,3}.
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- 516. Innovative strategies for addressing adolescent/young adult addiction: Implementation of the encompass intervention at Erada Center for Treatment and Rehabilitation in the United Arab Emirates**
N. Koukach¹, W. Foad¹, A. H. Elmougy¹, P. Riggs².
¹Erada Center for Treatment and Rehabilitation, United Arab Emirates; ²University of Colorado School of Medicine, United States
- 517. Survivors of suicide attempt support group intervention in Latvia**
M. Krivade. Humphrey Fellowship Program, Virginia Commonwealth University, United States; Ministry of Health, Latvia
- 518. From information to implementation: Promoting evidence-based drug use disorders intervention in the criminal justice system**
Y.C. Ku¹, T. Szu-Hsien Lee^{2,3}. ¹Crime Prevention Research Center, Academy for the Judiciary, Ministry of Justice, Taiwan; ²CTBC Center for Addiction Prevention and Policy Research, National Taiwan Normal University, Taiwan; ³Department of Health Promotion and Health Education, National Taiwan Normal University, Taiwan
- 519. Substance use patterns and opioid abstinence rates among patients on methadone treatment at a referral hospital in Nairobi, Kenya**
S. Kuria¹, S. Kiburi², J. Ochieng¹, J. Mburu³, F. Owiti³.
¹Mathari National Teaching and Referral Hospital, Kenya; ²Agakhan University Hospital, Kenya; ³University of Nairobi, Kenya
- 520. Cerebral Haemodynamic changes in chronic alcohol dependent patients induced by naltrexone challenge after detoxification**
S. Lavania¹, A. H. Khan², A. Pattojoshi³, S. Pany².
¹Sarojini Naidu Medical College, India; ²Central Institute of Psychiatry, India; ³Hitech Medical College, India
- 521. The efficacy of acetylcysteine on withdrawal symptoms in methamphetamine dependent patients**
E. Lestari, W. Arozal. National Narcotics Board, Indonesia
- 522. Efficacy of contingency management approaches for cannabis use disorder: A systematic review and meta-analysis of randomized controlled trials**
M. G. Lima, V. S. Tardelli, T. M. Fidalgo. Psychiatry Department, Universidade Federal de São Paulo, Brazil
- 523. Design and implementation of a Type 2 hybrid, prospective randomized trial of integrating opioid agonist therapies into primary care clinics in Ukraine**
E. Machavariani¹, K. Dumchev², I. Pykalo³, M. Filippovych², R. Ivasiy¹, D. Esserman⁴, L. M. Madden⁵, D. J. Bromberg⁴, M. Haddad⁶, O. Morozova⁷, S. Farnum⁵, B. Ahmad¹, S. Dvoriak², F. Altice¹. ¹Yale School of Medicine, United States; ²Ukrainian Institute on Public Health Policy, Ukraine; ³European Institute of Public Health Policy, Ukraine; ⁴Yale School of Public Health, United States; ⁵Apt Foundation, United States; ⁶Community Health Center Inc., United States; ⁷University of Chicago, United States
- 524. Cognitive currents: Evidence and prospects of transcranial direct current stimulation in substance use disorder in India**
S. Mandal¹, A. Chattopadhyay², R. Verma¹. ¹All India Institute of Medical Sciences, India; ²Jawaharlal Institute of Postgraduate Medical Education and Research, India
- 525. Suicidal attempts among female clients with substance use disorders who present with suicidal ideation: A cross sectional study**
I. Masud. Dhaka Ahsania Mission, Bangladesh
- 526. Correlates of expenditure on cannabis by patients with cannabis use disorder: Secondary analysis of a randomized controlled trial**
R. Mathur, S. Sarkar, A. Singh, Y. P. S. Balhara, G. S. Kaloiya. Department of Psychiatry and National Drug Dependence Treatment Centre, All India Institute of Medical Sciences, India
- 527. Efficacy of psychotherapeutic interventions on patient treatment outcomes among drugs and substance users in rehabilitation settings in Kiambu County**
J. N. Mbugua. Africa Nazarene University, Kenya

- 528. Cascade of care of treatment for hepatitis C among opioid agonist therapy patients in Ontario: A probability analysis**
K. A. Morin¹, M. Tatangelo², D. C. Marsh¹. ¹Northern Ontario School of Medicine University, Canada; ²Health Sciences North Research Institute, Canada
- 529. The relationship between childhood trauma and opioid addiction among clients at the Support for Addictions Prevention and Treatment harm reduction program in Nairobi County, Kenya.**
C. Muthiani. Support for Addictions Prevention and Treatment in Africa, Kenya
- 530. Siyakhana: A hybrid effectiveness-implementation stepped-wedge trial to reduce stigma towards substance use among community health workers in tuberculosis and HIV care in South Africa**
B. Myers^{1,2}, K. Regenauer³, K. Johnson¹, I. Brown³, A. L. Rose³, N. Ciya¹, S. Ndamase¹, J. Belus⁴, C. Ma³, J. F. Magidson³. ¹South African Medical Research Council, South Africa; ²Curtin University, Australia; ³University of Maryland-College Park, United States; ⁴University of Basel, Switzerland
- 531. Methadone maintenance treatment: Effectiveness of the take-home dose program in improving patient adherence.**
T. Nong¹, D. Hodgkin¹, N. B. Diep², C. Horgan¹, D. Bowser³, M. Brolin¹, V. Capoccia⁴, D. T. Thanh Thuy², G. Le², H. Đinh Cảnh⁵. ¹Heller School for Social Policy and Management, Brandeis University, United States; ²Hanoi Medical University, Vietnam; ³Boston College, United States; ⁴Consultant, United States; ⁵Ministry of Health, Vietnam
- 532. The Pawsitive impact of visiting therapy dogs for patients presenting to the emergency department for mental health and substance use concerns**
A. Pavelich, C. A. Dell, H. McKenzie, J. Stempien, A. Hozack, L. Rowsell, J. Smith, J. Smith. University of Saskatchewan, Canada
- 533. The effects of cue-induced retrieval and reconsolidation with episodic foresight (CIREF) on craving in opioid users receiving methadone maintenance treatment: A randomized proof-of-principle pilot study**
P. Rafei^{1,2}, M. Toulami³, K. Ghasemi⁴, T. Rezapour³, H. Ekhtiari⁵. ¹Iranian National Center for Addiction Studies, Iran; ²Trinity College Dublin, Ireland; ³Institute for Cognitive Science Studies, Iran; ⁴Tehran University of Medical Sciences, Iran; ⁵University of Minnesota, United States
- 534. Barriers to accessing hepatitis C treatment among heroin users in Mizoram Northeast India**
L. Ralte. Presbyterian Synod Hospital, India
- 535. Relationship between parental attachment and substance abuse among adolescents**
S. U. Rathore. Mian Afzal Trust Hospital, Pakistan
- 536. Cannabidiol for the management of substance use disorders: An umbrella review of the evidence**
B. Redonnet¹, F. Eren¹, G. Avenin^{1,2}, M. Melchior¹, M. Mary-Krause¹. ¹Sorbonne Université, INSERM, Institut Pierre Louis d'Épidémiologie et de Santé Publique, Equipe de Recherche en Epidémiologie Sociale, France; ²Sorbonne Université, Faculté de Médecine Saint-Antoine, Département de Médecine Générale, France
- 537. Improving management of alcohol use disorder using the SBRIT (screening, brief intervention, and referral to treatment) model in primary healthcare settings in Tanzania**
I. C. Rugemalila. Humphrey Fellowship Program, Virginia Commonwealth University, United States; Ministry of Health, Tanzania
- 538. Convergent validity of the Opiate Dosage Adequacy Scale in Puerto Rican Hispanics with opioid use disorder**
D. Santiago, N. Melendez Rivera, T. N. Flores Ocasio. University of Puerto Rico Medical Sciences Campus, Puerto Rico
- 539. Establishing evidence-based treatment centers for female substance use disorder community correction offenders in Sri Lanka**
S. Senevirathne. Humphrey Fellowship Program, Virginia Commonwealth University, United States; Ministry of Justice, Sri Lanka
- 540. Attrition rate: The unsolved problem of randomized clinical trials for cocaine use disorders**
A. B. Sinatora¹, J. P. M. Santos¹, K. Xu², V. S. Tardelli¹, T. M. Fidalgo¹. ¹Escola Paulista De Medicina, Universidade Federal De São Paulo, Brazil; ²Department of Psychiatry, Washington University School of Medicine in St. Louis, United States
- 541. Feasibility of outpatient based buprenorphine assisted opioid withdrawal management: An observational study comparing men and women**
Y. Singh, A. Jhahharia, P. Mandal, A. Ambekar, A. Mishra. All India Institute of Medical Sciences, India

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- 542. Sexually-transmitted and blood borne infection risk reduction with methadone and buprenorphine/naloxone among people with prescription-type opioid use disorder: Findings from a Canadian pragmatic randomized trial**
 M. E. Socias^{1,2}, Z. Cui¹, B. Le Foll^{3,4,5,6,7}, J. Lei¹, S. Stewart^{8,9}, R. Anand^{1,2}, D. Jutras-Aswad^{10,11}. ¹British Columbia Centre on Substance Use, Canada; ²Department of Medicine, Faculty of Medicine, University of British Columbia, Canada; ³Translational Addiction Research Laboratory, Campbell Family Mental Health Research Institute and Acute Care Program, Centre for Addiction and Mental Health, Canada; ⁴Department of Pharmacology and Toxicology, Medical Sciences Building, University of Toronto (UT), Canada; ⁵Department of Family and Community Medicine, Faculty of Medicine, UT, Canada; ⁶Department of Psychiatry, UT, Canada; ⁷Dalla Lana School of Public Health, UT, Canada; ⁸Department of Psychiatry, Dalhousie University, Canada; ⁹Department of Psychology and Neuroscience, Dalhousie University, Life Sciences Centre, Canada; ¹⁰Research Centre, Centre Hospitalier de l'Université de Montréal, Canada; ¹¹Department of Psychiatry and Addictology, Faculty of Medicine, Université de Montréal, Canada
- 543. Developing an evidence-based tool to evaluate access and treatment retention when using telemedicine to provide medications for opioid use disorder**
 J. T. W. Teck¹, S. Steiger², D. Martell³, S. Galea-Singer⁴, J. L. Butner⁵, A. Baldacchino⁶. ¹University of St Andrews, United Kingdom; ²University of California, San Francisco, United States; ³Dalhousie University, Canada; ⁴NHS Fife Addiction Services, United Kingdom; ⁵Yale University School of Medicine, United States; ⁶University of St Andrews, United Kingdom
- 544. Using the ASSIST to identify methamphetamine use among people on methadone maintenance in Vietnam**
 T. T. Thai¹, D. B. Nguyen², T. T. Nguyen², V. H. T. Hoang³, M. Li⁴, Li Li⁵, T-V. T. Vu⁶, P. L. T. Tran⁶, D. V. Do¹, S. Shoptaw⁴, G. M. Le². ¹University of Medicine and Pharmacy at Ho Chi Minh City, Vietnam; ²Center for Training and Research on Substance Use and HIV, Hanoi Medical University, Vietnam; ³Department of Global Health, Institute of Preventive Medicine and Public Health, Hanoi Medical University, Vietnam; ⁴Center for Behavioral and Addiction Medicine, Department of Family Medicine, University of California, Los Angeles, United States; ⁵Department of Epidemiology, Fielding School of Public Health, University of California, Los Angeles, United States; ⁶Vietnam HIV Addiction Technology Transfer Center, University of Medicine and Pharmacy-Ho Chi Minh City, Vietnam
- 545. A smartphone app-based device for youth with stimulant use disorder: Development and testing**
 S. Wahab¹, A. D. Azmi¹, M. F. Nasrudin¹, M. J. Ab Aziz¹, N. B. A. Kadir¹, N. Mustaffa¹, N. Ibrahim¹, S. R. Awang², N. A. A. Wahab¹, M. A. Zulkifly¹. ¹Universiti Kebangsaan, Malaysia; ²Universiti Teknologi, Malaysia

Author Index

Author Name	Poster Number
Abagiu, Adrian.....	501
Adeyemo, Sunday.....	201
Aftab, Sobia.....	401
Agwogie, Martin O.....	236
Alyana, Sajid	202
Anejo-Okopi, Joseph.....	502
Anundo, Jacqueline.....	503
Assi, Abdel-Azim	101
Azcárraga-Quiza, Mariana.....	203
Azmi, Amirul Danial.....	504
Bahromov, Mahbatsho.....	402
Bandati, Alexei	204
Bbosa, Godfrey	205
Belbaisi, Saed.....	505
Bhowmik, Aishwarya.....	102
Borges, Guilherme.....	206
Bórquez Infante, Ignacio.....	506
Chadi, Nicholas.....	207
Chang, Yen-Jung.....	301
Chattopadhyay, Ankita	302
Chowdhury, Nisharga	208
Cogollo, Zuleima	403
Curtis, Michael.....	209
Darko, Rachael.....	210
Dawson, Danielle	211
Dell, Colleen.....	532
Di Ciano, Patricia	103
Dobischok, Sophia.....	507
Drammeh, Alasana	404
Elarabi, Hesham.....	508
Eliashar, Roi.....	212
El-Shahawy, Omar.....	509
Eltantawy, Mona R.	213
Essien, Nsidibe.....	214
Fatkhullina, Luliia	303
Fomenko, Tetiana.....	405
Francis, Delfin L.....	215
Gautam, Kamal.....	406

Author Name	Poster Number
Ghosh, Abhishek.....	216
Graham, Myfanwy.....	304
Guerin, Alexandre	510
Hassanian-Moghaddam, Hossein	511
Hoang, T. H. Van.....	217
Hsieh, Tan-Wen.....	218
Huang, Shihui	104
Ibrahim, Muhammed	407
Isralowitz, Richard.....	305
Iyamuremye, Jean Michel.....	512
Jamal, Sonko	408
Jeyapalan, Jeyaniroshan	513
Johnson, Kim	514
Kaduri, Pamela	219
Karunakaran, Thiruventhan	220
Kaur, Manmeet	105
Kessler, Felix H. P.	106
Keuroglan, Leticia.....	221
Kilibarda, Biljana	222
Kim, Jin Hee.....	515
Kliewer, Wendy	306
Klimas, Jan.....	409
Koukach, Nadine	516
Krivade, Marta	517
Ku, Yi-Chien	518
Kuria, Susan	519
Kurteva, Siyana	223
Lavania, Sagar	520
Lestari, Erniawati.....	521
Lima, Marcelo	522
Lin, Fen-He.....	224
M, Dinesh.....	225
Ma, Liying.....	226
Machavariani, Eteri.....	523
Mackesy-Amiti, Mary Ellen	402
Mandal, Sayon.....	524
Mandokhail, Zarmina K.	227
Marau, Kennedy.....	410

Full abstracts are available online at www.drugabuse.gov/international/abstract-database.

Author Name	Poster Number
Masud, Iqbal.....	525
Masuku, Sakhile K. S.....	228
Mateo, Mariel.....	229
Mathur, Rahul.....	526
Mbugua, James	527
McNeillage, Amy	230
Meteliuk, Anna	411
Mlouki, Imen.....	412
Mohammadi, Niloofar.....	107
Molobe, Daniel.....	413
Momtazi, Saeed.....	414
Moreheart, Sarah	231
Moreno-Rodríguez, Emiliano.....	307
Morin, Kristen.....	528
Mukubba, Bosco.....	415
Musoke, Deogratias	232
Muthiani, Catherine	529
Myers, Bronwyn.....	530
Nadareishvili, Ilia.....	233
Nawaz, Ahmed.....	308
Ndarathi, Joy.....	234
Neffati, Arwa.....	235
Nong, Thuong	531
Norzagaray Benitez, Claudia.....	236
Nyagah, Virginia	416
Obioha, Chidiebere	237
Oigara, Lambert.....	309
Olatunde, Adetolu.....	238
Omiyefa, Seye	239
Oon-arom, Awirut.....	240
Owana Ayissi, Brice	108
Oyapero, Afolabi.....	241
Park, Ju N.	417
Pascale, Antonio.....	242
Patel, Vinit.....	243
Picco, Louisa	418
Piret, Evelyne.....	244
Placek, Caitlyn.....	245
Price, Olivia.....	246
Psederska, Elena.....	109
Rafei, Parnian.....	533

Author Name	Poster Number
Ralte, Lalchhanhima	534
Rathore, Sana U.	535
Redonnet, Bertrand.....	536
Renard, Justine	310
Rina, Kumari	419
Romero-Leguizamon, Cesar.....	110
Rugemalila, Isack C.	537
Sacks-Davis, Rachel.....	247
Santiago, Darlene.....	538
Santo Jr., Thomas.....	248
Scent, Grace	420
Senevirathne, Sanjeevani.....	539
Shujaat, Jawwad.....	249
Silini, Ahlem.....	250
Sinatora, Amanda.....	540
Singh, Yesh.....	541
Soares Tardelli, Vitor	251
Soboka, Matiwos	252
Socias, M. Eugenia.....	542
Szlaga, Agata.....	111
Teck, Joseph T. W.	543
Thai, Truc.....	544
Thandrasisla, Priyadarshini	253
Toialieva, Gulbarchyn.....	254
Tun, Thinzar	421
Varga, Balazs	112
Villalobos Alavez, Susana.....	311
Villamil-Sanchez, Alejandra	255
Vu, Giang T.	256
Wahab, Suzaily	545
Yimsaard, Pongkwan	257