

Exploring the Abuses and Solutions of Students' Drug Addiction at the University Level

 Rab Nawaz¹

 Nasrin Akhter²

How to cite this article:

Nawaz, R., & Akhter, N. (2024). Exploring the abuses and solutions of students' drug addiction at the university level. *Journal of Excellence in Social Sciences*, 3(1), 148–170.

Received: 8 January 2024 / Accepted: 7 February 2024 / Published online: 19 March 2024

Abstract

Drug addiction among university students has emerged as a critical issue, particularly in developing nations like Pakistan. This study explores the prevalence and factors contributing to drug abuse among university students, focusing on social, psychological, and economic influences. Peer pressure, socioeconomic status (SES), and mental health challenges have been identified as major risk factors for substance use in the university setting. Data were collected through interviews and focus groups with students and teachers using mixed methods, which provided a broader understanding of the topic. Findings indicate that students from low SES backgrounds are particularly vulnerable due to financial pressures and limited support. At the same time, peer influence generalizes drug use across social groups; the research emphasizes the need for targeted psychosocial intervention strategies aspects of addiction and emphasizes the importance of supportive resources and mental health resources in reducing drug abuse among students.

Keywords: Drug, Abuse, Addiction, University Level.

1 Introduction

Drug addiction is one of the deadly and heinous evils that has unfolded broadly within the world, mainly in third-world countries (Sultan et al., [2023](#)). The state of affairs in Pakistan is alarming and is the motive of the social unrest inside the society that's already crumbling beneath the heavy impact of social evils (Ahmed et al., [2020](#); Mustafa & Makhdoom, [2021](#)). Societies with weak manipulation of law and order and a robust keep of social traditions and norms are vulnerable to the unfolding of drugs and their everyday use. Almost 2 million Pakistanis are sufferers of medication addiction, which is the ugly face of society (Atif et al., [2020](#)). Globally, drug abuse is a significant issue affecting millions of people, with China, America, and Russia having the highest numbers of people who inject drugs. In Pakistan, drug abuse is a widespread problem, particularly among the youth, who constitute 28% of the total population. Cannabis is the most used drug among an estimated 6.45 million Pakistanis who use drugs annually, according to a 2013 report

¹University of Okara, Okara, Pakistan.

Corresponding Author: Sajidakanwalhm@gmail.com

²University of Okara, Okara, Pakistan.



by UNODC and the Pakistan Bureau of Statistics (Zada et al., [2022](#)). Drug abuse is a concerning issue among young people, with nearly a quarter of the youth population engaged in some form of drug use (Nawi et al., [2021](#)). Among the youngest drug users, aged 15 to 19 years, cannabis is the most frequently used drug (Lowry & Corsi, [2020](#); Millar et al., [2021](#)). This trend is worrying as drug abuse can have severe consequences on a young person's physical and mental health, academic performance, and social relationships (Lightfoot, [2013](#)).

The drug problem is a common problem in higher education institutes all over the world. There are many forms of drug addiction (Jena, [2020](#); Nawi et al., [2021](#)). There are many forms of drug addiction, but the most dangerous of all is the absolute dependence on it (Schlag, [2020](#)). Drug addiction has a forceful attraction for people who intend to become millionaires overnight. They find it easy to earn heaps of money from drugs and the university students prove easy prey for them (Miles, [2017](#)). They are attracted by using many different methods. Drug addiction is taken up as an adventure in the beginning, but with the passage of time, it dominates the victim, and ultimately, the victim becomes helpless to come out of it. The victim is blackmailed in many ways so that the businesses of the drug dealers prosper and go on filling their pockets (Miller, [2008](#)).

1.1 Research Objectives of the Study

There are the following objectives of the study

1. To explore the students' attitudes towards drug addiction in higher education institutes.
2. To explore the causes of students' involvement in drug addiction in higher education institutes.
3. To explore the awareness of teachers about drug addiction in higher education institutes.
4. To explore the role of higher education institutes in preventing drug addiction in students.

1.2 Research Questions of the Study

There are the following research questions of the study

1. What is the attitude of students towards drug addiction in higher education institutes?
2. What is the cause of student's involvement in drugs addiction in higher education institutes?
3. What are the causes of student's involvement in drugs addiction in higher education institutes?
4. What is the role of the institutes in preventing drug addiction in higher education institutes?

1.3 Statement of the Research Problem

The declaration of the problem addresses the gaps and challenges in expertise tablet addiction among diverse populations, which includes college students, teachers, personnel, and parents (McCarty et al., [1998](#)). It highlights the want for a complete evaluation of attitudes and perceptions closer to tablet dependency among public and private schooling establishments college students throughout specific cultural contexts (Oetting & Beauvais, [1990](#)). The assertion also emphasizes the significance of exploring teachers' preparedness and management's position in developing a supportive environment. Additionally, it identifies the connection between work-related strain and capsule addiction, in addition to the importance of parental involvement and help. The studies aim to offer treasured insights for growing effective prevention and intervention techniques by filling these gaps.

1.4 Significance of the Study

This research will offer a deeper comprehension of the reasons and results of medication addiction among Higher Education institute students, in addition to discovering powerful techniques for preventing and treating the trouble. The results of the examiner might be useful for better training institutes as well as different businesses that work with young adults in growing techniques to address pills addiction drugs among better training institutes college students. The significance of reading the mind-set of students in the direction of capsules addiction is vital for expertise and

addressing the issue of medication abuse many of the teens. This observation may offer precious insights into the academics' perceptions of the non-public, social, and environmental factors that lead college students to attempt tablets, retain them, and broaden their addiction. By knowing the perceptions of teachers about the reasons for students' involvement in capsule dependency, better schooling institutes, researchers, and policymakers can expand more powerful prevention and intervention techniques that concentrate on the specific elements that contribute to pill abuse among various teens.

2 Review of Literature

Drug dependency, a complex and pervasive issue, keeps exerting a vast impact on people, households, and societies globally (Farhoudian et al., [2020](#)). The relentless pursuit of delight and remedy, coupled with physiological and psychological dependence, characterizes the elaborate nature of this phenomenon (Colman, [2019](#)). This introduction provides a top-level view of medication dependency, exploring its definition, underlying mechanisms, and the vital need for comprehensive understanding and effective interventions (Waddington & Smith, [2009](#)). The risk of addiction and how fast you become addicted varies by drugs (Colman, [2019](#)). Some drugs, such as opioid painkillers, have a higher risk and cause addiction more quickly than others (Wittenberg et al., [2020](#)).

The usage of chemicals that can bring about changes in the functioning of the body or mind is referred to as drugs (Meyer et al., [2022](#)). These substances may be naturally occurring, like cocaine, semi-synthetic like ecstasy and heroin, or entirely synthetic such as methadone (Bidhan & Pathania, [2021](#)). The World Health Organization (WHO) has reported that approximately 50 million people worldwide are affected by drug abuse (Rehm & Shield, [2019](#)). Addiction is a condition characterized by a maladaptive pattern of substance use that causes significant distress or impairment over 12 months (Saunders & Latt, [2021](#)). Commonly observed symptoms of addiction include tolerance, withdrawal, and other associated issues (Molina & Pelham, [2014](#)).

The drug problem is a common problem in universities all over the world. There are many forms of drug addiction. There are many forms of drug addiction, but the most dangerous of all is the absolute dependence on it (Gadd et al., [2019](#)). Drug addiction has a forceful attraction for people who intend to become millionaires overnight. They find it easy to earn heaps of money from drugs and the university students prove easy prey for them (Muduli, [2014](#)). They are attracted by using many different methods. Drug addiction is taken up as an adventure in the beginning, but with the passage of time, it dominates the victim, and ultimately (Race, [2021](#)), the victim becomes helpless to come out of it. The victim is blackmailed in many ways so that the businesses of the drug dealers prosper and go on to fill their pockets (Myers, [2015](#)).

The consequences of drugs addiction are multifaceted, affecting various aspects of an individual's life (Jemberie et al., [2020](#)). Physical health can deteriorate due to substance-related ailments, while mental health can be compromised, leading to depression, anxiety, and cognitive impairment (Shield & Rehm, [2015](#)). Interpersonal relationships suffer, often resulting in isolation, strained family ties, and the erosion of social networks. Additionally, addiction can lead to legal issues, financial instability, and reduced academic and occupational performance (Wu & Li, [2020](#)).

Efforts to address drug addiction encompass prevention, intervention, and treatment strategies (Onyenwe et al., [2024](#)). Prevention initiatives focus on educating individuals about the risks of substance use, targeting vulnerable populations, and fostering healthy coping mechanisms. Early intervention is crucial to halting the progression of addiction and minimizing its poor effect (Hawkins et al., [1992](#)). Treatment tactics include behavioral treatment options, medicine-assisted treatments, and holistic interventions that address both bodily and psychological factors of addiction (Motyka et al., [2022](#)).

Drug addiction is a complex and pervasive difficulty with profound outcomes for people and society (Hanson et al., [2024](#)). Its multifaceted nature needs a comprehensive expertise of its underlying factors and implications (Nawi et al., [2021](#)). By recognizing the biological, environmental, and psychological impacts that make contributions to addiction, society can expand centered strategies to prevent, intervene, and effectively address this urgent challenge (Chang et al., [2022](#)).

Addressing pill addiction requires a complete approach that encompasses prevention, early intervention, and treatment (Babor et al., [2023](#)). Behavioral remedies, medicinal drugs, counseling, and help structures are all vital additives to effective treatment plans (Haleem et al., [2022](#)). Understanding and spotting the signs and symptoms of addiction, in addition to lowering the stigma associated with searching for assistance (Aronowitz & Meisel, [2022](#)), are crucial in assisting individuals get better and regain manipulation over their lives (Koob, [2021](#)).

The neurobiological basis of dependency presents vital insights into its mechanisms (Han et al., [2021](#)). Drugs of abuse, whether they may be stimulants, depressants, opioids, or hallucinogens, goal precise brain areas and neurotransmitter structures (Han et al., [2021](#)). For instance, opioids like heroin bind to receptors in the brain's reward center, leading to euphoria and pain relief (Anghel et al., [2023](#)). Continuous drug use induces neuroadaptations, reshaping neural circuits and reinforcing drugs-related learning and memory (Gunn, [2024](#)). The prefrontal cortex, responsible for decision-making and impulse control, becomes compromised, contributing to the compulsive drugs-seeking behavior characteristic of addiction (Shi et al., [2022](#)).

Drug addiction often follows a cyclical pattern. It begins with experimentation driven by curiosity or social influences (Kechter et al., [2022](#)). Regular use may develop as the individual seeks the pleasurable effects initially experienced. Continued use leads to tolerance – the need for higher doses to achieve the same effects – and withdrawal symptoms upon cessation (Moise & Piquero, [2023](#)). As tolerance escalates, so does the risk of dependency, where the individual's life becomes increasingly centered around obtaining and using the substance (McLellan et al., [2022](#)). The cycle of addiction perpetuates itself, with negative consequences such as health deterioration, strained relationships, and diminished functioning becoming more pronounced (Koob & Volkow, [2010](#)).

The ramifications of drug addiction extend far beyond the individual, impacting families, communities, and society at large (Hanson et al., [2024](#)). Addressing this issue demands a multi-pronged approach encompassing prevention, treatment, and policy reform. Prevention efforts focus on education, public awareness, and promoting healthy coping mechanisms, targeting vulnerable populations and the public (Nawi et al., [2021](#)). A comprehensive comparative analysis of drug addiction prevalence between public and private universities (Musyoka et al., [2020](#)) uncovers multifaceted insights into the nuanced dynamics that contribute to substance use behaviors among student populations. Though these educational institutions share a common goal of higher education (Myers, [2015](#)), often differ in terms of student demographics, campus environments, available resources, and socio-economic backgrounds. These disparities can significantly influence drug addiction prevalence rates and patterns (Alhabees et al., [2018](#)).

Public universities, typically characterized by larger student bodies drawn from a diverse range of socioeconomic backgrounds, may experience a broader array of social influences that shape drug use behaviors (Trucco, [2020](#)). The variety of peer groups, each with its unique norms and habits, can contribute to a more complex drug landscape (Haddadzadegan et al., [2022](#)). The accessibility of drugs might be relatively higher due to the larger population and urban location of some public universities, potentially exposing a greater number of students to substances (Levin et al., [2022](#)). Additionally, students at public institutions may face financial stressors that can contribute to drug use (Ahmed et al., [2020](#)) as a means of coping with pressures related to tuition, living expenses, and part-time employment (Sujan et al., [2021](#)).

In-depth research into the various elements influencing drug addiction incidence among students in public and private universities is essential to understanding and addressing this complex difficulty (Ifeoma et al., [2020](#); Nawi et al., [2021](#)). Data series via surveys, interviews, and longitudinal studies can offer a complete image of the riding forces behind substance use behaviors. Such insights can then manual the development of tailor-made prevention, intervention, and support strategies that cater to the precise desires of every institutional kind (Leheza et al., [2023](#)). By spotting the distinctions between public and private universities, academic institutions and policymakers can paintings (Saratian et al., [2021](#)) collaboratively to create more secure and more supportive environments that empower college students to make knowledgeable choices regarding substance use and make contributions to their standard properly-being (Olaoye et al., [2020](#)).

Peer impact plays a pivotal and often complicated role in the realm of substance abuse, exerting a massive effect on a person's choices regarding capsule use and contributing to the escalation of substance-associated troubles (Cole et al., [2024](#)). This phenomenon is specifically pronounced during childhood and younger maturity, a length when individuals are more prone to the evaluations and behaviors of their friends. First and foremost, peers act as the number one source of publicity for capsules (Loke & Mak, [2013](#)).

The strain to conform to institutional norms additionally plays a good-sized position in substance abuse pushed by peer impact. Students might also feel forced to partake in drug-related sports so that they can avoid being ostracized or excluded from their social circles (Leghari et al., [2021](#)). The fear of rejection can lead individuals to compromise their private values and rational decision-making in want of adhering to the expectations of their peers (Musher-Eizenman et al., [2003](#)).

Students from families with better educational attainment might have greater cognizance of the dangers related to substance abuse and higher access to statistics approximately prevention. They may also have greater opportunities for opportunities that promote personal growth and improvement (Mamirkulova et al., [2020](#)). Higher SES families might provide stronger social help networks, decreasing the feelings of isolation that could power individuals towards substance abuse (Aschengrau et al., [2021](#)). Conversely, college students from lower SES backgrounds would possibly lack the familial or community assistance vital to navigate challenges efficaciously (Mamirkulova et al., [2020](#)). Higher SES college students might have higher access to healthcare assets and inclusive addiction treatment centers. This can result in advanced intervention and a higher threat of restoration (Oguntayo et al., [2020](#)).

The impact of socioeconomic status on capsule dependency among college students underscores the want for focused interventions that cope with the precise challenges faced by means of individuals from one-of-a-kind SES backgrounds (Gavurova et al., [2021](#)). Acknowledging the multifaceted factors at play, universities can design comprehensive aid structures that bear in mind economic disparities (Eze et al., [2020](#)), provide reachable intellectual health services, and sell healthful coping mechanisms. By knowing the interaction between SES and drug addiction (Gerra et al., [2020](#)), instructional establishments can contribute to fostering extra inclusive and supportive campus surroundings that empower all college students (Addy et al., [2023](#)), to make informed picks concerning substance use and ends in stepped forward general properly-being (He et al., [2021](#)).

Stress is a pervasive factor of cutting-edge life, mainly in the academic context, where college students grapple with the pressures of assignments, exams, social interactions, and destiny career potentialities (Kushwaha et al., [2023](#)). The observation aimed to shed light on how strain would possibly serve as a catalyst for capsule dependency, doubtlessly leading to a vicious cycle that hampers college students' well-being and educational achievement. The occurrence of substance abuse among university college students has raised concerns, and stress is thought to be a full-size

contributing aspect (Tavolacci et al., [2013](#)). As students navigate the demanding situations of higher education, information on the link between pressure and pill addiction (Huerta et al., [2022](#)) is vital for designing effective prevention and intervention techniques (Dunn et al., [2021](#)). Stress triggers a physiological reaction that turns on the "combat or flight" mechanism (Bidhan & Pathania, [2021](#)). In response to chronic strain, students might undertake maladaptive coping mechanisms, which include substance use, to alleviate feelings of tension, pressure, and emotional misery (Melaku et al., [2015](#)).

This essay delves into how parental expectancies contribute to variations in pill addiction occurrence between public and private universities (Krawczyk et al., [2015](#)). The social media systems offer a space for students to show off their experiences, including substance use. Peer contrast through social media can create the belief that substance use is great and socially proper, potentially influencing students' decisions to interact in comparable behaviors (Vannucci et al., [2020](#)). Public universities, with large and more diverse scholarly bodies (Smith, [2024](#)), may be exposed to a broader spectrum of social media influences. Media often displays cultural and societal norms regarding substance use (Wogen & Restrepo, [2020](#)). Depending on the vicinity and demographics of students, public and personal universities might enjoy exceptional media messaging. For instance, urban public universities might be exposed to media content material that reflects an extra permissive attitude toward substance use, whilst personal universities in conservative regions would possibly come across more bad portrayals (Legrand et al., [2008](#)).

This article examines how parental expectations contribute to differences in the prevalence of substance abuse at public and private universities (Krawczyk et al., [2015](#)). Social media platforms provide a platform for students to share their experiences with substance use. Peer comparisons through social media can create a perception that substance use is prevalent and socially acceptable (Nichols et al., [2021](#)), which can influence students' decisions to behave similarly. Public universities with larger and more diverse student bodies may exhibit broader social media influences. Media often reflect cultural and social norms of consumption. Depending on the region and student population, public and private universities may receive different media messages (Camilleri, [2020](#)). For example, urban public universities may reflect media coverage that reflects more liberal attitudes toward substance use, whereas private universities in conservative areas may face more negative images (Legrand et al., [2008](#)).

3 Research Methodology

The focus group creates a relaxed and open atmosphere to encourage participation (Wilkinson, [1998](#)). Set ground rules for the discussion, including respect for others' opinions, confidentiality, and the expectation that everyone's voice will be heard. Start with a brief icebreaker activity to help participants feel more comfortable and to encourage interaction. Pose open-ended questions related to the research topic. Consider using audio or video recording with participants' consent for accurate documentation (Crichton & Childs, [2005](#)). Observe the dynamics of the group, noting any agreements, disagreements, or patterns of interaction. Treat participants' opinions and contributions respectfully and create a non-judgmental space for sharing. Use the insights gained from the focus group to inform your research findings (Breen, [2006](#)). Incorporate quotes and anecdotes to illustrate key points. The language used in questions was intentionally clear and checked by a couple of teachers in the same field. Those teachers were familiar with the language used and understood the terms of the interview (Baker & Johnson, [1998](#)). The data collection was completed at the higher education institutes. The teachers were asked to fill in the consent form to show their willingness. Throughout the research project, ethics are considered into account. Firstly, participants involved throughout the research work were contacted. Both educators as well as students of higher education institutes grade agreed to participate in the survey program. Informing them and obtaining their permission is vital for ensuring the veracity, reliability as well and

equality of the study.

4 Thematic Analysis of Data

Section I:

4.1 Impact of Socioeconomic and Educational Environment on Student Drug Use in the Public Sector

The main goal of this study has been to capture the Impact of Socioeconomic and Educational Environments on Student Drug Use in the Public sector through interviews. Although teacher-educator's exposure to socioeconomic and educational environments differed, they shared common ideas, as demonstrated by their perceptions of student drug use. A strong pattern has emerged from the Impact of Socioeconomic and Educational Environment on Student Drug Use in Public Sector Responses in that almost all of them show positive perceptions. A detail of key themes that emerged from interview and focus group responses and sub-themes underneath the main theme are presented below:

1. Influence of Socioeconomic Status
2. Educational Environment and Resources
3. Family Environment and Support

Subtheme 1: Influence of Socioeconomic Status

Promoting health services and a supportive environment can also help students stay focused and succeed. Students facing health issues may experience disruptions in attendance, difficulty concentrating during lectures, or challenges meeting deadlines for assignments and exams.

Most teachers reported similar views as students' university experience and enhanced their skills.

Participation in extracurricular activities can enrich students' university experience and enhance their skills. Encouraging involvement can lead to a more well-rounded and successful student. Ensuring equitable access to technology enhances learning opportunities, promotes digital literacy, and supports students in achieving their educational goals. (G1-S1)

Families who value education and professional growth can encourage public sector employees to seek additional training and development. This can increase the quality of offerings and innovation in public groups. Families who recognize and use social offerings can enhance their average well-being. Public area programs often require the active participation and support of households to be powerful.

4.2 Social Influence and Peer Pressure in Public Sector

Social influence and peer pressure are pivotal factors affecting student behavior in public sector schools. The desire to fit in and be accepted by peers often leads students to conform to group norms, even if those norms involve risky behaviors like drug use. In the public sector, where diverse student populations bring various social dynamics, the impact of peer pressure can be particularly pronounced. Understanding the mechanisms of social influence, such as imitation, group conformity, and the desire for social acceptance, is essential for educators and policymakers. Effective interventions should focus on fostering positive peer interactions, promoting healthy behaviors, and empowering students to resist negative peer pressure. By addressing these social dynamics, schools can create environments that support students' well-being and reduce the incidence of drug use.

A detail of key themes that emerged from interview and focus group responses and sub-themes underneath the main theme are presented below:

1. Psychological and Emotional Factors

2. Role of Close Friends
3. Influence of Casual Friendships and Social Environments
4. Environmental and Contextual Factors

Subtheme1: Psychological and Emotional Factors

The social back plays a basic part in enthusiastic well-being. Having a solid organize of companions, family, and community gives people passionate consolation, common-sense help, and a sense of having a place.

This support can buffer against the effects of stress, reduce the risk of mental health disorders, and enhance overall life satisfaction. Social connections foster a sense of security and self-worth, contributing to better emotional regulation and resilience. Encouraging social interaction and community engagement can significantly improve emotional health. (G1-S2)

This back can buffer against the impacts of push, diminish the chance of mental well-being disarrangements, and improve general life fulfillment. Social associations cultivate a sense of security and self-worth, contributing to superior enthusiastic control and versatility. Empowering social interaction and community engagement can ultimately move passionate well-being forward.

The topic they studied in the previous class as reported:

Childhood trauma can significantly influence behavior in adulthood. Traumatic experiences during formative years can lead to long-term psychological effects, including heightened anxiety, and post-traumatic stress disorder (PTSD). (G2S4)

Grown-ups who experience childhood injury may battle with belief issues, passionate direction, and relationship challenges. They might, too, show behaviors such as evasion, hypervigilance, and passionate desensitizing as adapting components. Early intercession and restorative back are basic in moderating these long-term impacts.

Subtheme2: Social Influence and Peer Pressure in the Public Sector Role of Close Friends

Most teachers reported their positive views towards the role of Close Friends as reported:

Social impact influences decision-making within the open division by forming suppositions, behaviors, and demeanors of people inside an organization.

Employees may feel they have to conform to the behavior and attitudes of their colleagues, even if it goes against their personal or professional ethical standards. Positive peer pressure can promote ethical behavior and responsibility, while negative peer pressure can lead to unethical behavior such as corruption and fraud. as reported below by the response:

Peer pressure can both hinder and promote innovation in the public sector. When peers encourage risk-taking and creative thinking, it can lead to innovative solutions and improvements. (G1-S5)

Peer weight can both ruin and advance advancement within the open division. When peers encourage risk-taking and creative thinking, it can lead to inventive arrangements and changes.

If there is pressure to conform to traditional methods and avoid deviating from established norms, innovation may be stifled, and new ideas suppressed. (G1-S3)

If there's pressure to comply with conventional strategies and avoid going astray from established standards, advancement and modern thoughts may be smothered.

Social influence can shape leadership styles in the public sector by affecting leaders' behaviors and

decision-making processes. Leaders may adopt styles that reflect the values and norms of their peers or predecessors. This can lead to the perpetuation of certain leadership practices within the organization, for better or worse, depending on the prevailing culture. (G1.S1)

Thus, most of the Peer pressure has the potential to impact how public sector employees who oversee implementing policies commit to and behave in accordance with the policies. Negative peer pressure can result in resistance, non-compliance, or flimsy adherence to policies without true participation, whereas positive peer pressure can foster cooperation and commitment to policy aims.

Subtheme3: Influence of Casual Friendships and Social Environments

However, casual friendships in the office can improve morale, communication, and collaboration. They foster a more laid-back and welcoming environment that facilitates idea-sharing and productive teamwork among staff members. These connections can enhance job satisfaction and act as a stress reliever.

Social environments significantly impact academic performance. Supportive and positive social environments, such as engaging classroom settings and collaborative study groups, can boost motivation, improve learning outcomes, and enhance academic achievement. Conversely, negative social environments with peer pressure or bullying can hinder performance and lower self-esteem. (G1-S3)

Additionally, Academic success is greatly impacted by social settings. Collaborative learning groups and intervention classroom settings are examples of supporting and creating a positive social environment that can increase academic achievement, improve learning outcomes, and enhance motivation. Method, on the other hand, working in adverse social situations involving bullying or peer pressure can damage and reduce self-worth.

Social situations play an imperative part in forming well-being behaviors. Positive social situations that advance solid ways of life can energize people to receive and keep up advantageous propensities, such as customary work, adjusted diets, and going without hurtful behaviors like smoking or intemperate drinking. Negative social situations can lead to unfortunate behaviors and expanded well-being dangers.

Subtheme4: Environmental and Contextual Factors

Relevant components such as financial status, community back, and social foundation altogether impact mental well-being. Financial challenges like destitution and unemployment can increase stretch and the chance of mental well-being issues. Solid community back and positive social hones can give a sense of having a place and strength, whereas negative relevant components like segregation and social segregation can compound mental well-being issues.

A steady and steady domestic environment can give the essential support and assets for understudies to succeed.

Contextual factors such as socioeconomic status, community support, and cultural background significantly influence mental health. Socioeconomic challenges like poverty and unemployment can increase stress and the risk of mental health issues. Strong community support and positive cultural practices can provide a sense of belonging and resilience, while negative contextual factors like discrimination and social isolation can exacerbate mental health problems. (G2-S1).

Specifically, Social class, community support, cultural background, and other contextual factors all have a big impact on mental health. Economic hardships like unemployment and poverty can raise stress levels and the likelihood of mental health problems. Positive cultural norms and strong

community support can foster resilience and a sense of belonging, whereas unfavorable external circumstances like social exclusion and prejudice can worsen mental health issues:

Getting to parks and recreational zones empowers physical movement, which is fundamental for maintaining great well-being. On the other hand, situations with constrained assets can contribute to stationary ways of life and related well-being issues.

4.3 The Role of Peer Influence in Student Drug Use in the Public Sector

Peer influence can, moreover, serve as a defensive figure against understudy drug use. Positive peer connections can give back, support, and direction to understudies to form sound choices. Companions who oppose medication can offer assistance to prevent their peers from utilizing drugs by setting a positive example and advertising elective exercises to lock in.

Peer influence plays a significant role in student drug use within the public sector. It may contribute to drug use by forcing students to fit in or acting as a protective factor by providing support and guidance. Teachers, parents, and community members must work together to create a positive peer environment that encourages positive behaviors and discourages drug use among students (G2-S2).

Peer influence plays an important role in the open part of understudy medication utilization. It can help slow implementation by forcing a passenger to fit in with the uneducated or acting defensively by offering and instructing. Teachers, guardians, and communities must work together to create a positive peer environment that promotes sound behaviors and debilitates medication utilization among understudies.

Subtheme 1: Mechanisms of Peer Influence on Drug Use

One major mechanism by which peers influence drug use is based on social norms. Classmates tend to be social spaces where practicing silence is considered satisfying and indeed energetic. If people are pressured by peers who practice silence and see it as normative, they are more likely to follow the outfit to save the meeting. This normalization of drug use can inevitably lead to expanded use and substance abuse.

Social learning is another mechanism by which peers influence drug use. Individuals learn by observing and imitating the behavior of their peers. When peers engage in drugs use and exhibit positive outcomes or social rewards, others may be more likely to use drugs. When peers lock-in sedate utilize and show positive results or social rewards, others may be more inclined to attempt drugs themselves. This is particularly genuine for youths, who are in an organization of advancement where they are especially helpless to peer influence (G1S4).

Modeling is closely related to social learning and includes copying the behaviors of peers who are seen as role models. If people look up to peers who lock in medication and see them as cool, well-known, or effective, they may be more likely to imitate their behavior in an endeavor to gain endorsement or social status.

Lastly, social identity plays a role in peer influence on drug use. Individuals often view themselves in relation to their peer group and may adopt behaviors that align with the group to maintain a sense of belonging. If drug use is associated with a particular peer group, individuals may be more likely to engage in drug use to reinforce their social identity within that group (G2S2).

Lastly, social personality plays a part in peer impact on medication utilization. People frequently see themselves in connection to their peer bunch and may embrace behaviors that adjust with the bunch to keep up a sense of having a place. If sedate utilization is related to a specific peer gather, people may be more likely to lock in sedate utilization to strengthen their social character inside

that group.

Subtheme 2: Impact of Peer Influence on Drug Use

Students with friends who use drugs are at a higher risk of initiating drug use themselves. Peer influence can lower the perceived risks associated with drug use and increase curiosity and experimentation.

Subtheme 3: Strategies to Mitigate Peer Influence on Drug Use

on drug use. Providing young people with accurate information about the risks and consequences of drug use helps them make informed decisions and resist peer pressure. Schools, community organizations, and parents can all play a role in educating young people about the dangers of drug use and how to resist peer influence.

Building strong relationships and support systems can help individuals resist peer pressure to use drugs. By fostering positive relationships with family members, counselors, and friends who support a drugs-free lifestyle, individuals are likely to resist the temptation to engage in drug use to create a sense of being owned and connected to a supportive community that can empower and transform individuals to say no to drugs (G1-S2).

In summary, strategies for reducing peer influences on drug use are necessary to foster positive adolescent behaviors. Educating individuals about the risks of drug use, building strong support systems, and developing effective communication skills can help individuals resist peer pressure and make better decisions for their health. Ultimately, it is about creating a culture that values and supports a drugs-free lifestyle.

Subtheme 4: Parental and Community Involvement

Involving parents and community members in drug prevention efforts can provide students with supportive networks. Community-based programs that include families can help prevent negative peer influences.

Parent involvement can include a variety of activities, such as attending parent-teacher conferences, volunteering in the classroom, helping with homework, and attending school events where they can provide needed support. Furthermore, parental involvement fosters a sense of responsibility among students, who see their education as a priority for their families.

Community engagement in education requires collaboration between schools, families, and community organizations to support student learning and personal growth. This can include partnerships with community agencies, mentoring programs, after-school activities, and resources to meet student needs outside of the classroom. When community investment is made in education, students have access to a wide variety of opportunities and possibilities that enrich their learning experience (G2S3).

In summary, parental and community involvement in education is an important component of creating a supportive and nurturing learning environment for students. When parents and communities are actively involved in education, students benefit from supportive networks that encourage academic success and personal growth. It is important that schools, families, and communities come together to make all students.

Section II:

The following were the main themes from the Private Sector in Higher Education Institutions that emerged from the interview data:

1. Impact of Socioeconomic and Educational Environment on Student Drugs Use in the Private

Sector

2. Social Influence and Peer Pressure in Private Sector
3. The Role of Peer Influence in Student Drug Use in the Private Sector
4. The Role of Stress in Drugs Addiction in Private Sector
5. The Role of Counseling in Preventing Drug Addiction in the Private Sector
6. University Strategies to Prevent Drug Addiction in the Private Sector

4.4 Theme 1: Impact of Socioeconomic and Educational Environment on Student Drug Use in the Private Sector

The issue of student drug use is a significant concern in educational institutions worldwide. While much attention has been focused on public schools, it is crucial to examine how the socioeconomic and educational environments in the private sector influence this phenomenon. Private schools, often perceived as bastions of privilege and academic rigor, are not immune to the challenges of drug use among students. This subtheme explores the various factors within the socioeconomic and educational contexts of private institutions that contribute to or mitigate student drug use.

1. Influence of Family Wealth on Student Drug Use in Private Schools
2. Role of Peer Pressure in Drug Use Among Private School Students
3. Impact of Academic Stress on Substance Abuse in Private Institutions
4. Effects of School Culture and Policies on Drugs Consumption

Subtheme 1: Role of Peer Pressure in Drug Use Among Private School Students

Hence, Peer pressure can drive college students to take pills to sound in with a particular group in the hope of gaining the approval of their peers.

Students may additionally use capsules to affect their friends, showcasing their willingness to engage in unstable behaviors to benefit their reputation. (G1S4).

Therefore, peer weight can happen in social settings in which medication utilization is predominant, at side parties or social occasions, compelling understudies to take part.

Students may be pressured to use tablets by peers who spotlight perceived blessings, along with more suitable social reviews or stress remedies. (G2-S4).

Subtheme 2: Impact of Academic Stress on Substance Abuse in Private Institutions

The impact of academic stress on substance abuse in private institutions can be profound and multifaceted. Here are three key points outlining this relationship:

The academic pressures of private institutions, with often high expectations and rigorous curricula, can motivate students to seek relief through substance abuse. The pressure to perform well academically and meet the high standards set by teachers, parents, and peers can be overwhelming. (G3S4).

Usually, this incorporates the mishandling of medicine stimulants such as Adderall or Ritalin, which are now and then utilized to boost disposition and continuance amid lessons or exams. Eagerness to undertake and perform way better than peers may make these drugs alluring, in spite of the dangers of reliance, side impacts and moral suggestions of clients. This behavior regularly are impacted by the thought that other understudies moreover utilize these assets to pick up a competitive advantage.

Culture in individual organizations also plays an important role in the relationship between academic stress and substance abuse. (G1-S1)

Therefore, this circumstance can increment stretch levels and lead to substance mishandling as an adapting instrument. In expansion, social portability and peer impact in private schools may direct

usage.

Subtheme 3: Availability of Drugs and Its Correlation with Socioeconomic Status

Hence, Financial status regularly influences drugs in a community. Medicate trafficking and conveyance may be more predominant in moo financial zones due to financial hardship and the need for openings.

Drug dealers can target these communities, which are in high demand and may have less stringent enforcement. In contrast, in higher socioeconomic areas, although the availability of some medicines may be different, some products may still be more available due to disposable income and social networks for various reasons. (G1-S1)

In well-off zones, social systems frequently play a critical part in getting to and utilizing drugs. Bunches with higher financial status may have medicated utilized in social categories, counting a few recreational medicated utilized in social settings. Social standards and hones inside these systems may conceivably impact the predominance and quality of accessible drugs.

4.5 Theme 2: The Role of Peer Influence in Student Drug Use in the Private Sector

Peer influence plays a significant role in student drug use, particularly in private-sector schools. The dynamics within these institutions can shape students' attitudes and behaviors regarding drug use in various ways:

1. Peer Pressure and Conformity in Private Sector Schools
2. Influence of Social Circles on Drug Use Behavior
3. Impact of Academic Stress on Drug Use Among Students
4. Availability of Drugs Through Peer Networks
5. Perceived Norms and Their Effect on Drugs Experimentation

Subtheme 1: Peer Pressure and Conformity in Private Sector Schools

Hence, Peer weight can encourage understudies to engage in exercises that can be harmful to their mental and physical well-being.

Consistency in private schools can limit students' exposure to diverse perspectives and experiences. (G1S5)

Hence, the consistency in private schools can restrain students' exposure to different points of view and encounters.

Subtheme 2: Influence of Social Circles on Drug Use Behavior

Social groups play an important role in influencing drug use behaviors. Our attitudes, beliefs, and actions can be greatly influenced by the people around us, including drug use.

Friends or acquaintances may encourage or pressure a person to use drugs. Social norms When drug use is socially normal, individuals may be more likely to abuse drugs. (G2-S1).

Therefore, People may utilize drugs to feel a sense of having a place or to take part in a social gathering. In a few social bunches, sedate utilization is considered as amusement or entertainment.

Individuals may turn to drugs to cope with stress or emotional issues within their social group. A person's curiosity or desire to use may motivate a person to try a drug within their social circle. Individuals in the social circle may support or encourage drug use. (G1-S1)

Similarly, Positive encounters or rewards related to drugs utilized in a social gathering can

strengthen behavior. Powerful people within the social bunch, such as pioneers or influencers, may underwrite or empower drugs.

Subtheme 3: Availability of Drugs Through Peer Networks

However, the need for tutoring and awareness around the dangers of medication utilization among peer businesses can lead to additional individuals searching for capsules.

Accessibility to drugs inside peer networks can lead to addiction and substance abuse troubles. The normalization of drug use inside peer agencies can create a subculture that encourages experimentation with substances. (G1S5)

However, the availability of drugs interior peer systems can lead to compulsion and substance mishandling inconveniences. The normalization of medication utilizing interior peer offices can make a subculture that energizes experimentation with substances.

Peer networks can serve as a platform for drug sellers to target vulnerable people. Limited parental supervision and guidance can contribute to the supply of drugs through peer networks. (G2-S1).

Therefore, shame-encompassing looking for help for substance mishandling can result in individuals turning to companions for drugs in inclination to look for proficient direction.

Peer networks may also provide a sense of belonging and attractiveness that can make it tough for people to resist the possibility of using pills. (G1-S1)

Therefore, peer systems may also give a sense of having a place and engaging quality that can make it extreme for individuals to stand up to conceivable outcomes to utilize pills.

4.6 Theme 3: The Role of Peer Influence in Student Drug Use in the Private Sector

Subtheme 1: Peer pressure in private schools can lead to increased drug experimentation among students.

Peer pressure in private schools often creates an environment where students feel the need to conform to group behavior, including drug use. In competitive private schools, students may turn to drugs to cope with academic pressure exacerbated by peer pressure.

Students' desire to connect with their peers may make it easier for them to take drugs, even if they are not interested to begin with. In private schools, peer groups can make drug use attractive, making experimenting more like a ritual. (G1-S1)

As a result, a few understudies utilize drugs to appear off to their peers. Pressure to acclimate to bunch standards in private schools can make it difficult for students to deny medication. Peer weight can cause students to belittle the dangers of medication.

Subtheme 2: Social acceptance in peer groups often encourages drug use in private sector schools.

However, a social acknowledgment in peer bunches can lead understudies to make light of the negative results of medication utilization. The fear of social dismissal can make understudies more willing to explore drugs.

Peer groups can create a culture where drug use is equated with being "cool" or "in. the students may use drugs to avoid feeling left out of social activities or gatherings. The influence of peer group leaders can significantly encourage drug use among other students. (G1S5).

Although, peer bunches can make a culture where sedate utilization is likened to being "cool" or

"in." Understudies may utilize drugs to maintain a strategic distance from feeling cleared out of social exercises or social occasions. The impact of gathering pioneers can significantly encourage medication utilization among other understudies.

Social acceptance in private schools often hinges on conforming to group behaviors, including drug use. The desire to be seen as mature or rebellious can lead students to use drugs for social acceptance. (G2-S1).

As a result, social recognition in peer groups can make understudies feel that they must take an interest in sedentary use to have a place.

Subtheme 3: Students may use drugs to fit in with influential or popular peers.

The desire to associate with popular peers can lead students to use drugs to gain their approval. Influential peers can set trends that others feel pressured to follow, including drug use. Students might use drugs to align themselves with the social behaviors of popular groups.

The influence of popular peers can make drug use seem like a gateway to social success. Students may believe that using drugs will help them gain favor with influential peers. The pressure to fit in with popular peers can overshadow students' personal values and judgments about drug use. (G1-S1)

As a result, the craving to be acknowledged by prevalent peers can make understudies more vulnerable to attempting drugs. The social elements in private schools can make drug use appear like a vital step to fit in with powerful peers.

5 Discussion

The effect of socioeconomic reputation (SES) on capsule addiction amongst university college students is a complex phenomenon formed by using various factors that influence individual experiences, vulnerabilities, and outcomes. SES encompasses a character's or family's financial and social position inside society, along with aspects that include profits, schooling, career, and entry to assets. The courting between SES and tablet addiction in university students highlights the significance of know-how in the socio-monetary context surrounding substance use behaviors (Patrick et al., [2012](#)). These factors may additionally obstruct students' potential to completely engage in their studies and acquire their best potential. In evaluation, college students from higher socioeconomic backgrounds generally have extra access to resources, along with personal tutoring, a superior era, and a favorable look at environments, which can contribute to progressed educational performance.

SES can notably influence the accessibility and availability of medicine. Students from better socioeconomic backgrounds may additionally have more disposable income, making it simpler for them to have enough money capsules. Additionally, the closeness of a pupil's social surroundings to regions with better capsule availability can affect their likelihood of experimenting with substances (Gerra et al., [2020](#)). Socioeconomic recognition additionally shapes social networks and peer groups. Students from similar SES backgrounds can also share attitudes, behaviors, and stories related to substance use. Peer stress to conform to one's norms will have an impact on substance use behaviors, as students frequently are searching for recognition and belonging (Gupta et al., [2013](#)). The stresses and pressures of university existence can lead students to seek coping mechanisms. Those from lower SES backgrounds might face additional stressors related to economic constraints that may grow the attraction to substances as a manner to control tension or misery. Socioeconomic disparities can impact mental health results. Lower SES college students can also face a better prevalence of mental fitness disorders because of stressors like financial instability. These intellectual fitness challenges can contribute to a better susceptibility to self-medication through substance use (Lee et al., [2018](#)). Hence, these variables can save you their

capability to absolutely lock in with their ponders and carry out to their best capacity.

Alternately, understudies from better monetary foundations mainly have greater get to the property, which includes personal mentoring, stepped-forward innovation, and a conducive reflection on consideration of surroundings that could improve their scholarly execution. Revel in and beautify their abilities. Encouraging involvement can cause a more properly rounded and hit student. Ensuring an equitable entry era enhances getting-to-know possibilities, promotes virtual literacy, and supports college students in accomplishing their educational goals.

As time passes, you may need larger doses of the drugs to get high. Soon you may need the drugs just to feel good. As your drug use increases, you may find that it's increasingly difficult to go without the drugs. Attempts to stop drug use may cause intense cravings and make you feel physically ill. These are called withdrawal symptoms. Drug addiction, also known as substance use disorder, involves the misuse of psychoactive substances that can lead to physical, psychological, and social harm (Silverman et al., 2008). These substances may include illicit drugs, prescription medications, and even legal substances such as alcohol and tobacco. Addiction is marked by a cycle of cravings, tolerance, withdrawal, and loss of control over substance use. It alters mind function, hijacking the praise system and influencing choice-making processes. The causes of medication addiction are numerous and interconnected. Biological elements, consisting of genetics and neurological vulnerabilities, can predispose positive individuals to addiction. Environmental elements, including peer strain, socioeconomic reputation, and the accessibility of materials, additionally play an important position in the chance of developing an addiction. Moreover, mental factors, like pressure, trauma, and intellectual health problems, can result in the initiation and endurance of substance use. The outcomes of medication addiction are complex and affect many sides of a character's life. Physical health can get worse because of substance-related situations; at the same time, intellectual health may additionally decline, resulting in issues that include despair, anxiety, and cognitive impairments. Relationships with others can deteriorate, often due to isolation, strained family bonds, and weakened social connections.

Treatment approaches include behavioral therapies, medication-assisted treatments, and holistic interventions that address both physical and psychological aspects of addiction (Motyka et al., 2022). Social support plays a critical role in emotional well-being. A strong network of friends, family, and community provides individuals with emotional comfort, practical assistance, and a sense of belonging. The social back plays a basic part in enthusiastic well-being. Having a solid organize of companions, family, and community gives people passionate consolation, common-sense help, and a sense of having a place.

Drug addiction is a complex and pervasive issue with profound consequences for individuals and society. Its multifaceted nature demands a comprehensive understanding of its underlying factors and implications. By recognizing the biological, environmental, and psychological influences contributing to addiction, society can develop targeted strategies to prevent, intervene, and effectively address this pressing concern (Chang et al., 2022). Individuals with high EI are likelier to build strong interpersonal relationships, manage stress effectively, and create a positive work environment. These skills increase job satisfaction, productivity, and overall organizational success. People with tall EI are likelier to construct solid interpersonal connections, oversee push successfully, and create a positive work environment. These abilities contribute to expanded work fulfillment, efficiency, and, generally, organizational victory. This back can buffer against the impacts of push, diminish the chance of mental well-being disarranges, and improve general life fulfillment. Social associations cultivate a sense of security and self-worth, contributing to superior enthusiastic control and versatility. Empowering social interaction and community engagement can altogether move forward passionate well-being.

Peer influence plays a pivotal and often complex role in the realm of substance abuse, exerting a

significant impact on an individual's decisions regarding drug use and contributing to the escalation of substance-related problems. This phenomenon is particularly pronounced during adolescence and young adulthood, a period when individuals are more susceptible to the opinions and behaviors of their peers. First and foremost, peers act as a primary source of exposure to drugs (Marshall & Chassin, 2000). The desire to fit in and be accepted within a social circle can drive individuals to engage in behaviors they might not otherwise consider. Curiosity about substances and a sense of adventure can lead young people to experiment with drugs, often under the influence of friends who have already done so. This initial exposure can set the stage for a trajectory toward substance abuse (Loke & Mak, 2013).

Additionally, if a peer group partakes in habitual drug use, it can further normalize the activity. It can further lead others to see that their peers are using substances, and if they do it frequently but don't seem particularly impaired or get into a car accident with no injuries because they were lucky (the only reason why! then such behaviors below are normalized. This normalization undermines the inhibitions against drug use, setting drug experimentation on a path toward regular use and drug dependence. Particularly in rural communities, the influence of peers has a significant role in how \$s are used and attitudes that may lead to drug use. The threat of rejection may cause one to change their values and logic to satisfy others (Musher-Eizenman et al., 2003). Social learning: Peers also affect drug use through social learning. Humans learn from humans; they observe the something of other people, and it works. Peers may be more influential when they use drugs with positive outcomes or social rewards for using (e.g., drug parties). Suppose you have peers who are sedate locks with genuine ingenuity and positive results, or you get social prizes because of utilizing drugs. In that case, numerous others follow in your tracks. Lastly, social identity plays a role in peer influence on drug use. Individuals often view themselves in relation to their peer group and may adopt behaviors that align with the group to maintain a sense of belonging. If drug use is associated with a particular peer group, individuals may be more likely to engage in drug use to reinforce their social identity within that group. It is important to note that the impact of peer influence on drug use may vary depending on one's personal values, beliefs, and self-esteem. Individuals with a strong sense that they are valued and have clear personal boundaries may be more vulnerable to peer pressure and more likely to resist drug use.

5.1 Conclusion

In conclusion, the relationship between socioeconomic status and drug use among university students is a domain of study that concentrates on economic, social, and psychological factors. Low SES-related economic issues are assimilated with mental health, and the students often embark on drug use to elude this pressure. On the contrary, they can be rich in resources provided to such students from higher SES backgrounds, which may reduce these tensions or influence substance use behavior. How effective prevention and intervention can be done considering different socio-economic circumstances? Furthermore, peers have an impact on emerging as a crucial variable in students' attitudes toward drug use. At college, social businesses are essential in defining conduct, often legitimizing drug use among peers. Students' desire for reputation can result in intake, perpetuating a cycle of intake that could emerge as addictive. The interaction between peer pressure and regular drugs may undermine a person's decision-making and result in an increased threat of substance abuse. Addressing those social impacts is essential to creating supportive surroundings that encourage healthy selections. Finally, a comprehensive method is recommended to the university authorities and tache, administers to stop the use of drugs by recognizing the position of socioeconomic factors, peer effects, and mental health in removing drugs.

6 References

Addy, T. M., Dube, D., Mitchell, K. A., & SoRelle, M. (2023). *What inclusive instructors do: Principles and practices for excellence in college teaching*. Taylor & Francis.

- Ahmed, B., Yousaf, F. N., Saud, M., & Ahmad, A. (2020). Youth at risk: The alarming issue of drug addiction in academic institutions in Pakistan. *Children and Youth Services Review*, 118, Article e105385. <https://doi.org/10.1016/j.childyouth.2020.105385>
- Alhabees, F. A., Alsaida, K. A., & Alhabees, K. A. M. (2018). Levels of mental health among university students: A comparative study between public and private university. *Journal of Education and Practice*, 9(10), 39–44.
- Anghel, D.-M. C., Nițescu, G. V., Tiron, A.-T., Guțu, C. M., & Baconi, D. L. (2023). Understanding the mechanisms of action and effects of drugs of abuse. *Molecules*, 28(13), Article e4969. <https://doi.org/10.3390/molecules28134969>
- Aronowitz, S., & Meisel, Z. F. (2022). Addressing stigma to provide quality care to people who use drugs. *JAMA Network Open*, 5(2), e2146980–e2146980. <https://doi.org/10.1001/jamanetworkopen.2021.46980>
- Aschengrau, A., Grippo, A., & Winter, M. R. (2021). Influence of family and community socioeconomic status on the risk of adolescent drugs use. *Substance Use & Misuse*, 56(5), 577–587. <https://doi.org/10.1080/10826084.2021.1883660>
- Atif, M., Malik, I., Asif, M., Qamar-Uz-Zaman, M., Ahmad, N., & Scahill, S. (2020). Drug safety in Pakistan. In Y. Al-Worafi (Ed.), *Drug safety in developing countries* (pp. 287–325). Academic Press.
- Babor, T. F., McRee, B. G., Kassebaum, P. A., Grimaldi, P. L., Ahmed, K., & Bray, J. (2023). Screening, Brief Intervention, and Referral to Treatment (SBIRT): Toward a public health approach to the management of substance abuse. In M. Galanter, & R. Saitz (Eds.), *Alcohol/Drug Screening and Brief Intervention* (pp. 7–30). Routledge.
- Baker, C. D., & Johnson, G. (1998). Interview talk as professional practice. *Language and Education*, 12(4), 229–242. <https://doi.org/10.1080/09500789808666751>
- Bidhan, S., & Pathania, A. R. (2021, December 24–26). *Retracted article: Addiction of drugs like Cocaine and opium-a review* [Paper presentation]. 3rd International Conference on Design and Manufacturing Aspects for Sustainable Energy, Hyderabad, India.
- Breen, R. L. (2006). A practical guide to focus-group research. *Journal of geography in higher education*, 30(3), 463–475. <https://doi.org/10.1080/03098260600927575>
- Camilleri, M. (2020). Higher education marketing communications in the digital era. In E. Mogaji, F. Maringe, & R. E. Hinson (Eds.), *Strategic marketing of Higher education in Africa* (pp. 77–95). Routledge.
- Chang, R., Peng, J., Chen, Y., Liao, H., Zhao, S., Zou, J., & Tan, S. (2022). Deep brain stimulation in drugs addiction treatment: Research progress and perspective. *Frontiers in Psychiatry*, 13, Article e858638. <https://doi.org/10.3389/fpsyt.2022.858638>
- Cole, V. T., Richmond-Rakerd, L. S., Bierce, L. F., Norotsky, R. L., Peiris, S. T., & Hussong, A. M. (2024). Peer connectedness and substance use in adolescence: A systematic review and meta-analysis. *Psychology of Addictive Behaviors*, 38(1), 19–35. <https://doi.org/10.1037/adb0000914>
- Colman, A. (2019). *Drugs and the addiction aesthetic in nineteenth-century literature*. Springer.
- Crichton, S., & Childs, E. (2005). Clipping and coding audio files: A research method to enable participant voice. *International Journal of Qualitative Methods*, 4(3), 40–49. <https://doi.org/10.1177/160940690500400303>
- Dunn, M., Dawson, P., Bearman, M., & Tai, J. (2021). ‘I’d struggle to see it as cheating’: The policy and regulatory environments of study drug use at universities. *Higher Education Research & Development*, 40(2), 234–246. <https://doi.org/10.1080/07294360.2020.1738351>
- Eze, S. C., Chinedu-Eze, V. C., Okike, C. K., & Bello, A. O. (2020). Factors influencing the use of e-learning facilities by students in a private Higher Education Institution (HEI) in a developing economy. *Humanities and social sciences communications*, 7(1), 1–15. <https://doi.org/10.1057/s41599-020-00624-6>

- Farhoudian, A., Baldacchino, A., Clark, N., Gerra, G., Ekhtiari, H., Dom, G., Mokri, A., Sadeghi, M., Nematollahi, P., & Demasi, M. (2020). COVID-19 and substance use disorders: Recommendations to a comprehensive healthcare response. An international society of addiction medicine practice and policy interest group position paper. *Basic and Clinical Neuroscience*, 11(2), 133–105. <https://doi.org/10.32598/bcn.11.covid19.1>
- Gadd, D., Henderson, J., Radcliffe, P., Stephens-Lewis, D., Johnson, A., & Gilchrist, G. (2019). The dynamics of domestic abuse and drug and alcohol dependency. *The British Journal of Criminology*, 59(5), 1035–1053. <https://doi.org/10.1093/bjc/azz011>
- Gavurova, B., Popesko, B., & Ivankova, V. (2021). Socioeconomic status and drugs use among students. In V. B. Patel, & V. R. Preedy (Eds.), *Handbook of substance misuse and addictions: From biology to public health* (pp. 1–26). Springer International Publishing.
- Gerra, G., Benedetti, E., Resce, G., Potente, R., Cutilli, A., & Molinaro, S. (2020). Socioeconomic status, parental education, school connectedness and individual socio-cultural resources in vulnerability for drug use among students. *International Journal of Environmental Research And Public Health*, 17(4), Article e1306. <https://doi.org/10.3390/ijerph17041306>
- Gunn, M. P. (2024). *Brain Resting-State Salience and Executive Network Connectivity Predictors of Smoking Progression, Nicotine-Enhanced Reward Sensitivity, and Depression* (Publication No. 31301189) [Doctoral dissertation, Southern Illinois University at Carbondale]. ProQuest Dissertations & Theses.
- Gupta, S., Sarpal, S. S., Kumar, D., Kaur, T., & Arora, S. (2013). Prevalence, pattern and familial effects of substance use among the male college students—a North Indian study. *Journal of Clinical and Diagnostic Research*, 7(8), Article e1632. <https://doi.org/10.7860/JCDR/2013/6441.3215>
- Haddadzadegan, S., Dorkoosh, F., & Bernkop-Schnürch, A. (2022). Oral delivery of therapeutic peptides and proteins: Technology landscape of lipid-based nanocarriers. *Advanced Drug Delivery Reviews*, 182, Article e114097. <https://doi.org/10.1016/j.addr.2021.114097>
- Haleem, A., Javaid, M., Singh, R. P., & Suman, R. (2022). Medical 4.0 technologies for healthcare: Features, capabilities, and applications. *Internet of Things and Cyber-Physical Systems*, 2, 12–30. <https://doi.org/10.1016/j.iotcps.2022.04.001>
- Han, M., Jiang, G., Luo, H., & Shao, Y. (2021). Neurobiological bases of social networks. *Frontiers in Psychology*, 12, Article e626337. <https://doi.org/10.3389/fpsyg.2021.626337>
- Hanson, G. R., Venturelli, P. J., & Platteborze, P. (2024). *Drugs and society*. Jones & Bartlett Learning.
- Hawkins, J. D., Catalano, R. F., & Miller, J. Y. (1992). Risk and protective factors for alcohol and other drug problems in adolescence and early adulthood: Implications for substance abuse prevention. *Psychological bulletin*, 112(1), 64–105. <https://doi.org/10.1037/0033-2909.112.1.64>
- He, Z. H., Li, M. D., Ma, X. Y., & Liu, C. J. (2021). Family socioeconomic status and social media addiction in female college students: The mediating role of impulsiveness and inhibitory control. *The Journal of Genetic Psychology*, 182(1), 60–74. <https://doi.org/10.1080/00221325.2020.1853027>
- Huerta, A. H., Rios-Aguilar, C., & Ramirez, D. (2022). “I had to figure it out”: A case study of how community college student parents of color navigate college and careers. *Community College Review*, 50(2), 193–218. <https://doi.org/10.1177/00915521211061425>
- Ifeoma, O. J., Grace N. A., Chimezie, N. B., Wada Bashir, I., Grace Ngozi, O., Uzochukwu, A. F., & Onyemaechi, N. P. (2020). Effect of drug abuse and health risks among undergraduates of federal universities in Nigeria. *Global Journal of Health Science*, 12(8), 107–117. <https://doi.org/10.5539/gjhs.v12n8p107>
- Jemberie, W. B., Stewart Williams, J., Eriksson, M., Grönlund, A.-S., Ng, N., Blom Nilsson, M.,

- Padyab, M., Priest, K. C., Sandlund, M., & Snellman, F. (2020). Substance use disorders and COVID-19: Multi-faceted problems which require multi-pronged solutions. *Frontiers in psychiatry*, 11, Article e714. <https://doi.org/10.3389/fpsyt.2020.00714>
- Jena, P. K. (2020). Impact of Covid-19 on higher education in India. *International Journal of Advanced Education and Research*, 5(3), 77–81.
- Kechter, A., Simpson, K. A., Ceasar, R. C., Schiff, S. J., Yamaguchi, N., Bluthenthal, R. N., Smiley, S. L., & Barrington-Trimis, J. L. (2022). Trajectories of nicotine use leading to dual and cyclical tobacco product use in young adults. *Nicotine and Tobacco Research*, 24(7), 986–993. <https://doi.org/10.1093/ntr/ntab249>
- Koob, G. F. (2021). Drugs addiction: Negative reinforcement as a framework for medications development. *Pharmacological Reviews*, 73(1), 163–201. <https://doi.org/10.1124/pharmrev.120.000083>
- Koob, G. F., & Volkow, N. D. (2010). Neurocircuitry of addiction. *Neuropsychopharmacology*, 35(1), 217–238.
- Krawczyk, N., Filho, C. L. V., & Bastos, F. I. (2015). The interplay between drugs-use behaviors, settings, and access to care: A qualitative study exploring attitudes and experiences of crack cocaine users in Rio de Janeiro and São Paulo, Brazil. *Harm Reduction Journal*, 12, 1–11. <https://doi.org/10.1186/s12954-015-0059-9>
- Kushwaha, R. K., Dubey, A. K., Tripathi, A., & Mishra, G. (2023). *Cutting Edge in Special Education*. Blue Rose Publishers.
- Lee, J. O., Jones, T. M., Kosterman, R., Cambron, C., Rhew, I. C., Herrenkohl, T. I., & Hill, K. G. (2018). Childhood neighborhood context and adult substance use problems: The role of socio-economic status at the age of 30 years. *Public Health*, 165, 58–66. <https://doi.org/10.1016/j.puhe.2018.09.011>
- Leghari, Q., Shahnaz, S., Munawar, R., Gul, S., Ali, S. I., Shah, S. W. A., & Bawani, S. (2021). Evaluation of common withdrawal effects; A surveillance study among drugs abusers at rehabilitation centers of Karachi. *The Professional Medical Journal*, 28(01), 27–31. <https://doi.org/10.29309/TPMJ/2021.28.01.3981>
- Legrand, L. N., Keyes, M., McGue, M., Iacono, W. G., & Krueger, R. F. (2008). Rural environments reduce the genetic influence on adolescent substance use and rule-breaking behavior. *Psychological Medicine*, 38(9), 1341–1350. <https://doi.org/10.1017/S0033291707001596>
- Leheza, Y., Shablysty, V., Aristova, I. V., Kravchenko, I. O., & Kornikova, T. (2023). Foreign Experience in Legal Regulation of Combating Crime in the Sphere of Trafficking of Narcotic Drugs, Psychotropic Substances, their Analogues and Precursors: Administrative and Criminal Aspect. *Journal of Drug and Alcohol Research*, 12, 1–8. <https://doi.org/10.4303/JDAR/236240>
- Levin, A. T., Owusu-Boaitey, N., Pugh, S., Fosdick, B. K., Zwi, A. B., Malani, A., Soman, S., Besançon, L., Kashnitsky, I., & Ganesh, S. (2022). Assessing the burden of COVID-19 in developing countries: Systematic review, meta-analysis and public policy implications. *BMJ Global Health*, 7(5), Article e008477.
- Lightfoot, C. (2013). Constructing self and peer culture: A narrative perspective on adolescent risk taking. In L. T. Winegar, & J. Valsiner (Eds.), *Children's development within social context* (pp. 229-245). Psychology Press.
- Loke, A. Y., & Mak, Y. W. (2013). Family process and peer influences on substance use by adolescents. *International Journal of Environmental Research and Public Health*, 10(9), 3868–3885. <https://doi.org/10.3390/ijerph10093868>
- Lowry, D. E., & Corsi, D. J. (2020). Trends and correlates of cannabis use in Canada: a repeated cross-sectional analysis of national surveys from 2004 to 2017. *Canadian Medical Association Open Access Journal*, 8(3), E487–E495. <https://doi.org/10.9778/cmajo.20190229>

- Mamirkulova, G., Mi, J., Abbas, J., Mahmood, S., Mubeen, R., & Ziapour, A. (2020). New Silk Road infrastructure opportunities in developing tourism environment for residents better quality of life. *Global Ecology and Conservation*, 24, Article e01194. <https://doi.org/10.1016/j.gecco.2020.e01194>
- Marshal, M. P., & Chassin, L. (2000). Peer influence on adolescent alcohol use: The moderating role of parental support and discipline. *Applied Developmental Science*, 4(2), 80–88. https://doi.org/10.1207/S1532480XADS0402_3
- McCarty, D., Greenlick, M. R., & Lamb, S. (Eds.). (1998). *Bridging the gap between practice and research: Forging partnerships with community-based drug and alcohol treatment*. The National Academies.
- McLellan, A. T., Koob, G. F., & Volkow, N. D. (2022). Preadiction—a missing concept for treating substance use disorders. *JAMA Psychiatry*, 79(8), 749–751.
- Melaku, L., Mossie, A., & Negash, A. (2015). Stress among medical students and its association with substance use and academic performance. *Journal of Biomedical Education*, 2015(4), 1–9. <https://doi.org/10.1155/2015/149509>
- Meyer, J. S., Meyer, J., Farrar, A. M., Biezonski, D., & Yates, J. R. (2022). *Psychopharmacology: Drugs, the brain, and behavior*. Oxford University Press.
- Miles, D. A. (2017, August). *A taxonomy of research gaps: Identifying and defining the seven research gaps* [Paper presentation]. In Doctoral student workshop: Finding research gaps—research methods and strategies, Dallas, Texas.
- Millar, S. R., Mongan, D., Smyth, B. P., Perry, I. J., & Galvin, B. (2021). Relationships between age at first substance use and persistence of cannabis use and cannabis use disorder. *BMC public health*, 21(1), Article e997. <https://doi.org/10.1186/s12889-021-11023-0>
- Miller, K. E. (2008). Wired: Energy drinks, jock identity, masculine norms, and risk taking. *Journal of American College Health*, 56(5), 481–490. <https://doi.org/10.3200/JACH.56.5.481-490>
- Moise, I. K., & Piquero, A. R. (2023). Geographic disparities in violent crime during the COVID-19 lockdown in Miami-Dade County, Florida, 2018–2020. *Journal of Experimental Criminology*, 19(1), 97–106. <https://doi.org/10.1007/s11292-021-09474-x>
- Molina, B. S., & Pelham W. E., Jr, (2014). Attention-deficit/hyperactivity disorder and risk of substance use disorder: Developmental considerations, potential pathways, and opportunities for research. *Annual Review of Clinical Psychology*, 10, 607–639. <https://doi.org/10.1146/annurev-clinpsy-032813-153722>
- Motyka, M. A., Al-Imam, A., Haligowska, A., & Michalak, M. (2022). Helping women suffering from drugs addiction: Needs, barriers, and challenges. *International Journal Of Environmental Research and Public Health*, 19(21), Article e14039. <https://doi.org/10.3390/ijerph192114039>
- Muduli, J. R. (2014). *Addiction to technological gadgets and its impact on health and lifestyle: A study on college students* [Doctoral dissertation, National Institute of Technology (NIT) Rourkela]. E-These @ NIT Rourkela. <http://ethesis.nitrkl.ac.in/5544/>
- Musher-Eizenman, D. R., Holub, S. C., & Arnett, M. (2003). Attitude and peer influences on adolescent substance use: The moderating effect of age, sex, and substance. *Journal Of Drugs Education*, 33(1), 1–23. <https://doi.org/10.2190/YED0-BQA8-5RVX-95JB>
- Mustafa, A. B., & Makhdoom, B. J. (2021). Drug addiction in Pakistan: A step towards alleviation of sufferings. *Journal of Sheikh Zayed Medical College*, 12(1), 1–2. <https://doi.org/10.47883/jszmc.v12i1.3>
- Musyoka, C. M., Mwayo, A., Donovan, D., & Mathai, M. (2020). Alcohol and substance use among first-year students at the University of Nairobi, Kenya: Prevalence and patterns. *PLOS One*, 15(8), Article e0238170. <https://doi.org/10.1371/journal.pone.0238170>
- Myers, P. L. (2015). Addressing the future of addiction studies in higher education. *Advances in Addiction & Recovery*, 25(4), 28–29.

- Nawi, A. M., Ismail, R., Ibrahim, F., Hassan, M. R., Manaf, M. R. A., Amit, N., Ibrahim, N., & Shafurdin, N. S. (2021). Risk and protective factors of drug abuse among adolescents: A systematic review. *BMC Public Health*, 21, Article e2088. <https://doi.org/10.1186/s12889-021-11906-2>
- Nichols, T. R., Welborn, A., Gringle, M. R., & Lee, A. (2021). Social stigma and perinatal substance use services: Recognizing the power of the good mother ideal. *Contemporary Drug Problems*, 48(1), 19–37. <https://doi.org/10.1177/0091450920969200>
- Oetting, E. R., & Beauvais, F. (1990). Adolescent drug use: findings of national and local surveys. *Journal of consulting and clinical psychology*, 58(4), 385–394.
- Oguntayo, R., Ajao, P. O., Akintunde, K. A., Popoola, O. A., & Opayemi, A. S. (2020). Age, gender, socio-economic status, attitudes towards drugs abuse as determinants of deviant behavior among undergraduate students. *European Review of Applied Sociology*, 13(21), 38–46.
- Olaoye, O. A., Onabanjo, T. A., Jejelaye, A. O., Adejumobi, A. S., & Olagunju, K. F. (2020). Substance abuse, self-esteem and self-rated academic performance among undergraduates in a Nigerian private and public university: A comparative study. *Nigerian Journal of Health Sciences*, 20(1), 28–35. https://doi.org/10.4103/njhs.njhs_21_20
- Onyenwe, C. A., Onwumere, C., & Odiliba, I. P. (2024). Public health strategies for preventing youth substance use: A review of prevention programs and conceptual approaches. *International Journal of Biology and Pharmacy Research Updates*, 3(1), 12–19. <https://doi.org/10.53430/ijbpru.2024.3.1.0022>
- Patrick, M. E., Wightman, P., Schoeni, R. F., & Schulenberg, J. E. (2012). Socioeconomic status and substance use among young adults: A comparison across constructs and drugs. *Journal of Studies on Alcohol and Drugs*, 73(5), 772–782. <https://doi.org/10.15288/jsad.2012.73.772>
- Race, K. (2021). A lifetime on drugs. In S. Herring, & L. Wallace (Eds.), *Long term: Essays on queer commitment* (pp. 89–116). Duke University Press.
- Rehm, J., & Shield, K. D. (2019). Global burden of disease and the impact of mental and addictive disorders. *Current Psychiatry Reports*, 21, 1–7. <https://doi.org/10.1007/s11920-019-0997-0>
- Saratian, E. T. P., Risman, A., Ali, A. J., Rohman, F., Ramli, Y., & Soelton, M. (2021). Creating Character Building Against Drugs Abuse On Youth Organization. *ICCD*, 3(1), 241–245.
- Saunders, J. B., & Latt, N. C. (2021). Diagnostic definitions and classification of substance use disorders. In N. el-Guebaly, G. Carrà, M. Galanter, & A. M. Baldacchino (Eds.), *Textbook of addiction treatment: International perspectives* (pp. 91–113). Springer
- Schlag, A. K. (2020). Percentages of problem drug use and their implications for policy making: A review of the literature. *Drug Science, Policy and Law*, 6, 1–9. <https://doi.org/10.1177/2050324520904540>
- Shi, Y., Bai, Y., Zhang, L., Chen, Y., Liu, X., Liu, Y., & Yin, H. (2022). Psychological resilience mediates the association of the middle frontal gyrus functional connectivity with sleep quality. *Brain Imaging and Behavior*, 16(6), 2735–2743. <https://doi.org/10.1007/s11682-022-00735-5>
- Shield, K. D., & Rehm, J. (2015). The effects of addictive substances and addictive behaviours on physical and mental health. In P. Anderson, J. Rehm, & R. Room (Eds.), *The impact of addictive substances and behaviours on individual and societal well-being* (pp. 77–118). Oxford University Press.
- Smith, D. G. (2024). *Diversity's promise for higher education: Making it work*. JHU Press.
- Sujan, M. S. H., Tasnim, R., Hossain, S., Sikder, M. T., & Hasan, M. T. (2021). Impact of drugs abuse on academic performance and physical health: A cross-sectional comparative study among university students in Bangladesh. *Journal of Public Health*, 35, 31–71.

- <https://doi.org/10.1007/s10389-020-01428-3>
- Sultan, N., Noureen, S., & Saher, A. (2023). Prevalence of co-occurring physical and mental health problems in people with drug addiction in Pakistan. *Journal of Professional & Applied Psychology*, 4(3), 478–487. <https://doi.org/10.52053/jpap.v4i3.176>
- Tavolacci, M. P., Ladner, J., Grigioni, S., Richard, L., Villet, H., & Dechelotte, P. (2013). Prevalence and association of perceived stress, substance use and behavioral addictions: A cross-sectional study among university students in France, 2009–2011. *BMC Public Health*, 13(1), 724. <https://doi.org/10.1186/1471-2458-13-724>
- Trucco, E. M. (2020). A review of psychosocial factors linked to adolescent substance use. *Pharmacology Biochemistry and Behavior*, 196, Article e172969. <https://doi.org/10.1016/j.pbb.2020.172969>
- Vannucci, A., Simpson, E. G., Gagnon, S., & Ohannessian, C. M. (2020). Social media use and risky behaviors in adolescents: A meta-analysis. *Journal of Adolescence*, 79, 258–274. <https://doi.org/10.1016/j.adolescence.2020.01.014>
- Waddington, I., & Smith, A. (2009). *An introduction to drugs in sport: Addicted to winning?* Routledge.
- Wilkinson, S. (1998). Focus group methodology: A review. *International journal of social research methodology*, 1(3), 181–203. <https://doi.org/10.1080/13645579.1998.10846874>
- Wittenberg, R. E., Wolfman, S. L., De Biasi, M., & Dani, J. A. (2020). Nicotinic acetylcholine receptors and nicotine addiction: A brief introduction. *Neuropharmacology*, 177, Article e108256. <https://doi.org/10.1016/j.neuropharm.2020.108256>
- Wogen, J., & Restrepo, M. T. (2020). Human rights, stigma, and substance use. *Health and human rights*, 22(1), 51–60.
- Wu, R., & Li, J. X. (2020). Toll-like receptor 4 signaling and drugs addiction. *Frontiers in Pharmacology*, 11, Article e603445. <https://doi.org/10.3389/fphar.2020.603445>
- Zada, B., Shah, M., Saleem, A., Ashraf, R., Hameed, A., & Yousaf, A. (2022). Quality of life among substance use disorder patients in Khyber Pakhtunkhwa, Pakistan. *Pakistan Journal of Medical & Health Sciences*, 16(03), 843–843.