

# Social Media and Mental Health Imbalance: A Case Study Analysis of Emerging Health Concerns

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**Abstract:** *College students' life now revolves around social media, which presents serious mental health issues in addition to providing chances for networking, communication, and self-expression. Using qualitative case studies of three students with different degrees of engagement, this study examines the intricate relationship between social media use and mental health, concentrating on stress, anxiety, self-esteem, and lifestyle choices. The results show that excessive use, especially through mechanisms like social comparison and validation-seeking, contributes to physical inactivity, mental distress, and disturbed sleep. On the other hand, deliberate moderation shows benefits like increased productivity, focus, and mental health. The experiences of participants underscore the necessity of balanced participation by highlighting social media's potential advantages as well as its hazards. In order to lessen negative impacts, this study emphasizes the value of increasing digital literacy, mindfulness exercises, and social media detoxification techniques. It is recommended that educators, legislators, and mental health specialists work together on projects that promote better digital practices. These results advance our knowledge of how contemporary digital activities affect the mental health of young adults.*

**Keywords:** Social media, self esteem

## 1. Introduction

Social media has transformed how individuals connect, communicate, and obtain information, making it a fundamental part of modern society. Social media, which provides avenues for self-expression, social relationship maintenance, and academic or professional networking, is especially important in influencing the experiences of college students. A digital environment where personal and professional identities are continuously curated and shown has been formed by the broad adoption of platforms like Instagram, Snapchat, TikTok, and LinkedIn.

Social media's allure stems from its capacity to satisfy fundamental psychological demands including the need for acceptance, validation, and acknowledgment. These platforms are essential for social and intellectual connections since they allow users to collaborate on projects, share life milestones, and have discussions. They also give access to international networks and a platform for creative expression, which can be especially powerful for young adults who are figuring out who they are and where they fit in the world (Primack et al., 2017).

However, worries regarding social media's effect on mental health have also been raised by the constant connectedness and exposure to well chosen content. A culture of comparison and validation-seeking is frequently a result of social media's competitive nature, which is fueled by likes, comments, and shares. Social media can worsen emotions of inadequacy, stress, and self-doubt for college students juggling academic demands, social transitions, and identity construction (Twenge & Campbell, 2018). The developmental stage of emerging adulthood, when people are most sensitive to social approbation and criticism, makes these difficulties much more difficult.

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However, the constant connection and exposure to well selected content have also sparked concerns about social media's impact on mental health. The competitive aspect of social media, which is driven by likes, comments, and shares, frequently results in a culture of comparison and validation-seeking. For college students balancing academic obligations, social changes, and identity building, social media can exacerbate feelings of inadequacy, stress, and self-doubt (Twenge & Campbell, 2018). These challenges are made considerably more challenging by the developmental stage of emerging adulthood, when people are most vulnerable to social validation and criticism.

## 2. Literature Review

Social media has both advantages and disadvantages for young adults, according to research on the subject. On the one side, social media can facilitate knowledge access, peer connections, and social support. However, a growing body of research indicates that there may be adverse consequences, is motivated by social comparison (Lin et al., 2016). College students are especially susceptible to the harmful effects of social media because of their developmental stage, high levels of stress, and need for approval from others. To design targeted remedies, it is crucial to comprehend the mechanisms that contribute to these consequences, such as cyberbullying and social comparison.

**Social Comparison and Self-Esteem**

Social comparison is a key way via which social media impacts mental health. People frequently compare their lives to those of others in order to assess themselves, and this tendency is exacerbated by social media platforms, according to Festinger's Social Comparison Theory (1954). Regular upward social comparisons with people who are thought to be doing better are associated with lower self-esteem and higher levels of stress, according to research (Vogel et al., 2014). Social media exposes college students to idealized images and experiences that do not reflect reality, making them especially vulnerable to these impacts as they develop their sense of self and self-worth (Fardouly et al., 2015).

**Problematic Use and Addiction**

The signs of excessive social media usage, which include cravings, withdrawal, and a reliance on social media for mood control, are becoming more widely acknowledged as behavioral addictions (Andreassen et al., 2016). According to Elhai et al. (2017), problematic use has been linked to greater levels of anxiety and despair, which feeds a vicious cycle in which students utilize social media to deal with their misery.

**Impact on Physical Health**

Social media contributes to sleep disruptions and sedentary behavior, which have an impact on physical health. College students who use social media at night report having poorer sleep, which affects their mental health and academic performance, according to research (Levenson et al., 2016). According to Tiggemann and Slater (2014), social media use also decreases opportunities for physical activity, which contributes to a wider health imbalance.

**Cyberbullying and Emotional Health**

Social media users may also be subjected to cyberbullying, which has been connected to a higher incidence of anxiety, depression, and even suicidal thoughts in young adults (Kowalski et al., 2014). Cyberbullying can be widespread and anonymous, in contrast to traditional bullying, resulting in a prolonged victimization that is hard to overcome (Hamm et al., 2015).

**3. Methodology**

The impact of social media on college students' mental health is investigated in this study using a qualitative case study methodology. By concentrating on personal experiences, the study sheds light on the ways in which social media affects health habits and mental health.

**Participants**

- 1) Participant A: A twenty-year-old college student who uses social media on a daily basis for socializing and networking.
- 2) Participant B: An accomplished senior, aged 22, who regularly posts on several social media platforms.
- 3) Participant C: A student, age 21, who recently cut back on social media use because of elevated stress levels.

**Data Collection**

Semi-structured interviews were used to learn more about each participant's social media usage patterns, emotional reactions, and changes in wellbeing brought on by social

media use. Patterns pertaining to social comparison, cyberbullying, and emotional well-being were found through thematic analysis of the data.

**4. Case Study Analysis****Case Study 1: Participant A**

On average, Participant A reported spending five hours a day on social media sites like Instagram and Snapchat. They saw social media as a means of academic networking and connection at first, but they soon started to feel negatively affected emotionally and under pressure to project an idealized self-image. Peer comparisons on social media raised stress, which in turn caused worry and a decline in self-worth.

**Findings**

- Social Comparison: Being exposed to idealized material raised anxiety and decreased self-esteem.
- Sleep Disruption: Using social media late at night has an adverse effect on sleep quality.
- The amount of time spent on social media decreased physical activity.

**Case Study 2: Participant B**

Senior participant B actively networks on social media sites like Instagram and LinkedIn. Although at first encouraging, social media use quickly resulted in burnout and pressure to project a professional image. Stress levels increased and sensitivity to online criticism increased as a result of this demand for approval.

**Findings**

- Work-Life Balance: It became difficult to preserve academic and personal boundaries as a result of social media.
- Enhanced Anxiety: Stress levels were elevated due to worries about online criticism.
- Decreased Interpersonal Connections: People who were online interacted with others less in person.

**Case Study 3: Participant C**

Participant C cut back on social media use after becoming stressed up from seeing unfavorable news and exaggerated depictions of achievement. Reducing screen time led to gains in the student's mood, productivity, and general health.

**Findings**

- Improvement of Mental Health: Less social media use led to happier and less anxious people.
- Improved attentiveness: Cutting back on social media improved academic attentiveness.
- Better Sleep and Health: More physical activity and healthier sleep patterns were linked to less screen usage.

**5. Discussion**

The three case studies' results show clear trends that highlight the negative impact of social media on mental health, particularly for college students. Social media can exacerbate emotional instability and low self-esteem, as seen by Participant A's experience with social comparison. In this instance, the temptation to match one's actual life to the romanticized online representations of others increased stress

and made feelings of inadequacy worse. Self-doubt and anxiety are exacerbated by social comparison, which is consistent with earlier research showing that carefully chosen online information creates an unattainable norm that may harm vulnerable college students (Vogel et al., 2014).

The experience of Participant B serves as an example of how the blending of personal and academic spheres might encourage hyper-engagement, or a perpetual state of awareness, online. This effect is more noticeable for students who use social media for work. Participant B experienced burnout as a result of the platform's demands to maintain a polished, professional image. Burnout is a condition frequently linked to work-related stress, suggesting that social media's influence on mental health extends beyond personal contexts.

The strategy used by Participant C, which called for less social media use, demonstrates the possible advantages of establishing limits on digital activity. Following a reduction in social media usage, Participant C reported increases in emotional stability, productivity, and focus. According to this research, moderation can mitigate the detrimental effects of social media, which supports studies that propose "detox" techniques on social media (Twenge & Campbell, 2018). Furthermore, the relief that Participant C felt emphasizes that purposeful, moderate interaction could be a good way to lessen the negative effects of social media on mental health.

## 6. Conclusion

This study emphasizes the complex and multidimensional link between college students' use of social media and mental health disorders. Social media can help people connect, but overuse of it can lead to stress, anxiety, and a lowered feeling of self-worth. According to the findings, mental health can suffer from high levels of participation, especially when motivated by comparison and validation needs. On the other hand, Participant C's favorable results highlight how establishing boundaries can improve mental health and encourage more constructive social media use. The report emphasizes the significance of educating college students about the possible hazards of social media and putting policies in place to encourage responsible, balanced use. By offering instructional materials on digital literacy and self-regulation strategies, colleges may help students.

## 7. Recommendations

- Limit Screen Time: To help students cope with psychological stress, they should limit their use of social media.
- Foster Digital Literacy: Educational institutions might introduce courses that instruct students on the psychological effects of social media.
- Promote Offline Interaction: Social media dependence can be decreased by having in-person conversations.
- Increase Awareness of Social Comparison Triggers: Teachers and mental health specialists should educate students on the consequences of social comparison and healthy coping mechanisms.

Promoting self-compassion and advising students to refrain from pointless comparisons might help lessen feelings of inadequacy that are frequently made worse by social media use.

Promote Reflective Practices: By incorporating journaling and mindfulness, students can improve their mental health and become more conscious of their emotional reactions to social media. By identifying unfavorable patterns and modifying their routines accordingly, students can lessen the impact of stressors related to online engagement.

Offer Mental Health Resources and assistance: Campus mental health services should be prepared to handle social media stress, providing counseling and assistance to students who are experiencing anxiety, sadness, or low self-esteem as a result of their online persona.

## 8. Limitations

Due to the study's dependence on qualitative data and a small, non-representative sample, the results may not be as broadly applicable to the entire population of college students. Larger and more varied sample sizes as well as the use of quantitative metrics to validate and support results would be advantageous for future study. Furthermore, longitudinal research may provide insightful information about the social media use's long-term effects on mental health, which is especially important for comprehending how these effects change over time.

## References

- [1] Andreassen, C. S., Pallesen, S., & Griffiths, M. D. (2016). The relationship between addictive use of social media, narcissism, and self-esteem: Findings from a large national survey. *Ad dictive Behaviors*, 64, 287-293. <https://doi.org/10.1016/j.addbeh.2016.03.006>
- [2] Chou, H. T. G., & Edge, N. (2012). "They are happier and having better lives than I am": The impact of using Facebook on perceptions of others' lives. *Cyberpsychology, Behavior, and Social Networking*, 15 (2), 117-121. <https://doi.org/10.1089/cyber.2011.0324>
- [3] Elhai, J. D., Levine, J. C., Dvorak, R. D., & Hall, B. J. (2017). Fear of missing out, need for touch, anxiety and depression are related to problematic smartphone use. *Computers in Human Behavior*, 63, 509-516. <https://doi.org/10.1016/j.chb.2016.05.082>
- [4] Fardouly, J., Diedrichs, P. C., Vartanian, L. R., & Halliwell, E. (2015). Social comparisons on social media: The impact of Facebook on young women's body image concerns and mood. *Body Image*, 13, 38-45. <https://doi.org/10.1016/j.bodyim.2014.12.002>
- [5] Festinger, L. (1954). A theory of social comparison processes. *Human Relations*, 7 (2), 117-140. <https://doi.org/10.1177/001872675400700202>
- [6] Hamm, M. P., Newton, A. S., Chisholm, A., Shulhan, J., Milne, A., Sundar, P., & Hartling, L. (2015). Prevalence and effect of cyberbullying on children and young people: A systematic review update. *JAMA Pediatrics*, 169 (8), 770-777. <https://doi.org/10.1001/jamapediatrics.2015.0944>

- [7] Kross, E., Verduyn, P., Demiralp, E., Park, J., Lee, D. S., Lin, N., . . . & Ybarra, O. (2013). Facebook use predicts declines in subjective well-being in young adults. *PLOS ONE*, 8 (8), e69841. <https://doi.org/10.1371/journal.pone.0069841>
- [8] Kowalski, R. M., Giumetti, G. W., Schroeder, A. N., & Lattanner, M. R. (2014). Bullying in the digital age: A critical review and meta-analysis of cyberbullying research among youth. *Psychological Bulletin*, 140 (4), 1073-1137. <https://doi.org/10.1037/a0035618>
- [9] Levenson, J. C., Shensa, A., Sidani, J. E., Colditz, J. B., & Primack, B. A. (2016). The association between social media use and sleep disturbance among young adults. *Preventive Medicine*, 85, 36-41. <https://doi.org/10.1016/j.ypmed.2016.01.001>
- [10] Lin, L. Y., Sidani, J. E., Shensa, A., Radovic, A., Miller, E., Colditz, J. B., & Primack, B. A. (2016). Association between social media use and depression among U. S. young adults. *Depression and Anxiety*, 33 (4), 323-331. <https://doi.org/10.1002/da.22466>
- [11] Montag, C., Bey, K., Sha, P., Li, M., Chen, Y. F., Liu, W. Y., & Reuter, M. (2015). Is it meaningful to distinguish between mobile phone addiction and social network addiction? *Journal of Behavioral Addictions*, 4 (4), 289-298. <https://doi.org/10.1556/2006.4.2015.037>
- [12] Primack, B. A., Shensa, A., Sidani, J. E., Whaite, E. O., Lin, L. Y., Rosen, D., Colditz, J. B., Radovic, A., & Miller, E. (2017). Social media use and perceived social isolation among young adults in the U. S. *American Journal of Preventive Medicine*, 53 (1), 1-8. <https://doi.org/10.1016/j.amepre.2017.01.010>
- [13] Przybylski, A. K., Murayama, K., DeHaan, C. R., & Gladwell, V. (2013). Motivational, emotional, and behavioral correlates of fear of missing out. *Computers in Human Behavior*, 29 (4), 1841-1848. <https://doi.org/10.1016/j.chb.2013.02.014>
- [14] Tiggemann, M., & Slater, A. (2014). NetGirls: The Internet, Facebook, and body image concern in adolescent girls. *International Journal of Eating Disorders*, 47 (6), 630-643. <https://doi.org/10.1002/eat.22368>
- [15] Twenge, J. M., & Campbell, W. K. (2018). Associations between screen time and lower psychological well-being among children and adolescents: Evidence from a population-based study. *Preventive Medicine Reports*, 12, 271-283. <https://doi.org/10.1016/j.pmedr.2018.10.003>
- [16] Vannucci, A., Flannery, K. M., & Ohannessian, C. M. (2017). Social media use and anxiety in emerging adults. *Journal of Affective Disorders*, 207, 163-166. <https://doi.org/10.1016/j.jad.2016.08.040>
- [17] Vogel, E. A., Rose, J. P., Roberts, L. R., & Eckles, K. (2014). Social comparison, social media, and self-esteem. *Psychology of Popular Media Culture*, 3 (4), 206-222. <https://doi.org/10.1037/ppm0000047>
- [18] Wang, P., & Lei, L. (2016). Cyberbullying and depression among Chinese high school students: The moderating role of family cohesion. *Journal of School Violence*, 15 (3), 345-361. <https://doi.org/10.1080/15388220.2015.1056874>
- [19] Woods, H. C., & Scott, H. (2016). #Sleepyteens: Social media use in adolescence is associated with poor sleep quality, anxiety, depression, and low self-esteem. *Journal of Adolescence*, 51, 41-49. <https://doi.org/10.1016/j.adolescence.2016.05.008>
- [20] Yoon, S., & Kim, H. (2017). The role of social connectedness in the relationship between social media use and psychological well-being: A study on Facebook and well-being. *Journal of Social and Clinical Psychology*, 36 (6), 467-489. <https://doi.org/10.1521/jscp.2017.36.6.467>