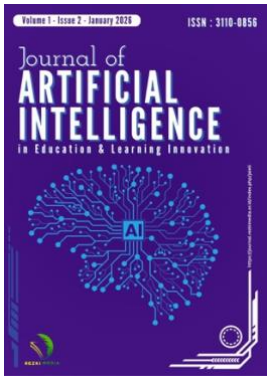

ChatGPT as a coping mechanism: Postgraduate use under supervisory gaps in South-South Nigerian tertiary institutions

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ABSTRACT

Background: Generative AI tools like ChatGPT are common in higher education, especially where students lack timely academic support. In many South-South Nigerian universities, gaps in postgraduate supervision may influence how students use such tools.

Objectives: This study examines how postgraduate students become aware of ChatGPT, how much they use it, and why they rely on it when supervision is limited.

Methods: A qualitative exploratory design was used. Twenty-one postgraduate students were purposively selected from universities in South-South Nigeria. Data were collected through online semi-structured interviews using a validated guide. Inductive thematic analysis, using Braun & Clarke's framework, was applied to identify patterns in the data.

Results: Findings show that awareness of ChatGPT is mostly informal, driven by peers, social media, and personal trial and error. Many students use ChatGPT frequently, especially during proposal writing, data analysis, and thesis development. Its use is strongly linked to delays or gaps in supervision.

Conclusions: ChatGPT is widely used as a support tool and coping strategy, rather than merely a convenience. Its role reflects gaps in supervision and the need for clearer institutional guidance and training.

Keywords: academic supervision, ChatGPT, postgraduate students.

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INTRODUCTION

The study sits at the intersection of postgraduate research support, digital inequality, and the rapid normalization of generative AI in higher education. ChatGPT is often presented as a neutral tool for speed and convenience, yet the literature shows that its academic role is shaped by absence as much as by innovation (Brown & Rossouw, 2026; Iatrellis et al., 2025; Yusmaliana et al., 2026). Where supervision is weak, delayed, or inaccessible, students do not merely adopt ChatGPT because it is novel. They adopt it because it fills a support vacuum. Supervisory gaps occur when students do not receive timely or adequate guidance from their supervisors. Delays in feedback can reveal these gaps: limited meetings, unclear expectations, or a lack of support. They lead students to seek help elsewhere, including peers or AI tools, to complete academic tasks independently.

This matters in South-South Nigerian tertiary institutions, where supervisory gaps are likely to interact with wider pressures of infrastructure, workload, uneven digital literacy, and fragile research cultures. Recent work on supervision already suggests that AI is entering spaces once reserved for mentors, feedback, and scholarly guidance, thereby altering how postgraduate students construct autonomy, authority, and research judgment (Brown & Rossouw, 2026; Cowling et al., 2023; Dai et al., 2023; Iatrellis et al., 2025; Mbodila, 2025; Omodan, 2025; Yusmaliana et al., 2026).

The first key variable is awareness, yet awareness in this literature is neither uniform nor innocent. Studies from Nigeria and beyond show high awareness but uneven depth of understanding. Students often discover ChatGPT through peers, the internet, and informal experimentation rather than through structured institutional support, which means awareness can spread faster than critical literacy (Adams et al., 2024; Mingyi & Moses, 2025; Ngonso et al., 2025; Nwagbara, 2025; Shittu et al., 2025). That pattern is important because awareness without guidance can normalize use before ethical boundaries are clear. Črček & Patekar (2023) show that students may recognize some practices as unethical yet still engage in them, while Farhi et al. (2023), Ngo (2023), Okorie & West (2025), and Akinbobola et al. (2025) similarly reveal that positive views of usefulness coexist with anxiety about plagiarism, source reliability, and overdependence. Awareness, then, is not simply exposure. It is a contested entry point into a tool whose meaning is still unstable.

The second variable is adoption, and the literature warns against reading adoption as straightforward acceptance. In some contexts, usage is substantial. More than half of Croatian respondents used ChatGPT for written work when indirect measures were considered, even though fewer admitted this directly, which exposes the social sensitivity of self-reporting on AI use (Črček & Patekar, 2023). In Borno State, awareness reached 60.1 percent, yet only 53 percent had used ChatGPT, suggesting that exposure does not automatically translate into practice (Mingyi & Moses, 2025). Nigerian evidence also suggests broad AI use overall, but formal training remains unclear or inconsistent, making uptake difficult to interpret as informed adoption rather than opportunistic coping (Ekarika et al., 2025; Ngonso et al., 2025). Elsewhere, survey evidence links use to academic task completion, including a moderate positive association ($r = 0.684$). However, such gains need cautious interpretation because faster completion is not the same as deeper learning (Itua & Frederick, 2025). This is where Gammoh's (2024) critique is sharp: ChatGPT may support performance while bypassing the slow cognitive work that research training is meant to cultivate.

The third variable is drivers, and here the literature converges most strongly. Students turn to ChatGPT because it is available at any hour, simplifies difficult concepts, supports drafting, reduces stress, and appears to offer personalized assistance when human support is thin (Adams et al., 2024; Al Zakwani et al., 2024; Ngo, 2023; Okorie & West, 2025; Wibowo et al., 2023). However, the same studies also expose tension. What helps students progress can also weaken independence if used uncritically. Nigerian and wider scholarship repeatedly identifies poor referencing, fabricated citations, weak contextual understanding, privacy concerns, declining originality, and institutional silence as central risks (Adewojo et al., 2026; Ezeani, 2024; Mormul et al., 2024; Nwuke & Yellowe, 2025; Suleman et al., 2025; Watermeyer et al., 2024). This tension becomes more acute in the absence of supervision. If supervisors are overburdened, undertrained, or less engaged with AI than their students, as recent generational and organizational studies suggest, students may rely on ChatGPT not because they reject supervision, but because supervision is delayed, inconsistent, or technologically outpaced (Dai et al., 2025; Galjak & Budić, 2025; Khelfat & Benadda, 2025; Wynn & Skuridin, 2025; Xu et al., 2023).

The Unified Theory of Acceptance and Use of Technology is appropriate because it explains adoption through performance expectancy, effort expectancy, social influence, and facilitating conditions, all of which speak directly to why postgraduate students may rely on ChatGPT when supervision is weak. If students believe ChatGPT improves research productivity, is easy to use, is endorsed by peers, and is supported by available devices and internet access, use becomes more likely. UTAUT is also justified because recent AI studies in education continue to show the value of these pathways, even when trust complicates them (Abdelazim et al., 2025; Daud, 2026). Still, the theory must be applied critically, since ethical anxiety and supervisory absence exceed a purely technical adoption lens. Weak supervision reduces support, strengthens peer influence, increases perceived usefulness and ease of use of ChatGPT, and drives students' reliance on it.

Despite the growing body of work on ChatGPT in higher education, an important problem remains insufficiently examined. Existing studies have largely focused on general student awareness, perceived usefulness, and broad patterns of use in academic work (Adams et al., 2024; Farhi et al., 2023; Ngo, 2023). However, they do not adequately explain how postgraduate students respond to ChatGPT when they face weak, delayed, or inadequate supervisory support. Recent studies on AI and supervision recognize that generative AI is reshaping mentorship and research support (Mbodila, 2025; Omodan, 2025), yet they remain mostly conceptual and do not clearly show how supervisory gaps influence students' actual reliance on ChatGPT for research tasks.

A second gap is contextual. Nigerian studies report growing awareness and use of AI tools among students, but they often treat students as one broad category and rarely isolate postgraduate students or the institutional realities of specific regions such as South South Nigeria (Ekarika et al., 2025; Mingyi & Moses, 2025; Nwagbara, 2025; Shittu et al., 2025). This weakens understanding of how postgraduate students in this context become aware of ChatGPT, how far they use it, and what drives that use.

A third problem is analytical. Although the literature identifies benefits and risks, it has not sufficiently explained how factors such as supervisory absence, ease of use, peer influence, and institutional support combine to shape adoption and reliance

(Abdelazim et al., 2025; Črček & Patekar, 2023; Daud, 2026). This study, therefore, addresses these gaps by qualitatively examining ChatGPT awareness, adoption, and drivers among postgraduate students experiencing supervisory gaps in South-South Nigerian tertiary institutions. The expected findings can guide universities in developing clearer AI policies, strengthening supervisor training, ensuring timely feedback, and integrating AI literacy into postgraduate programs. This will improve supervision quality, reduce overreliance on AI, and promote responsible, transparent use of tools like ChatGPT in academic research.

Thus, the study seeks to: 1. ascertain how postgraduate students became aware of and learned to use generative AI tools (e.g., ChatGPT) for academic research tasks; 2. examine the extent of ChatGPT usage among postgraduate students facing supervisory gaps; and 3. investigate the factors driving postgraduate students to rely on ChatGPT in the absence of adequate supervision.

METHODS

Study Design and Participants

The study adopted a qualitative, exploratory design to examine how postgraduate students engaged with ChatGPT in the context of supervisory gaps. A purposive sampling strategy was used to recruit 21 participants who were actively involved in postgraduate research across South-South Nigerian universities. Supervisory gaps were identified through measurable indicators, including delayed feedback, infrequent meetings, unclear guidance, and limited academic support. ChatGPT use was assessed by frequency of use, types of tasks supported (e.g., writing, analysis), and degree of reliance, distinguishing occasional assistance from sustained dependence in completing research tasks independently.

Recruitment occurred through academic and research-focused social media groups, which enabled access to information-rich participants with direct experience of both supervisory challenges and AI use. This approach aligns with the principle of information power, which holds that smaller samples are sufficient when participants possess relevant experience, and the research aim is well-focused (Malterud et al., 2016). The sample comprised 11 males and 10 females, with a mean age of approximately 27.8 years. Participants included Master's and PhD students at different research stages, ensuring varied experience.

Ethical approval statement

All procedures were conducted in accordance with the Declaration of Helsinki. Participants provided informed consent prior to participation and were assured of confidentiality and the right to withdraw voluntarily. Ethical approval was obtained from the University of Uyo Health Research Ethics Committee (UNIUYO-IHREC) under protocol number UU/CHS/IHREC/VOL.1/107. Additional considerations included anonymization of responses and careful handling of potentially sensitive disclosures about academic practices.

Research Instruments

Data were collected online using a semi-structured interview guide designed to elicit detailed experiences of ChatGPT awareness, use, and reliance. The instrument was reviewed by three experts in educational technology and qualitative research to ensure content validity. A pilot test with two postgraduate students helped refine

clarity and flow. This process supported credibility and trustworthiness, consistent with qualitative standards (Creswell & Poth, 2018). The researcher actively guided conversations, adjusted prompts in real time, and reflected during sessions to deepen responses and capture participants' nuanced experiences with ChatGPT.

Reflexivity

Reflexively, the researchers, as Nigerian scholars interested in AI and research practices, recognized the advantage of an insider understanding of institutional realities and academic pressures. This positionality enabled a deeper interpretation of participants' experiences. However, it also carried the risk of over-identification. To address this, the researchers maintained reflexive notes and engaged in peer debriefing to ensure balanced interpretation.

Data Analysis

Data were analyzed using Braun & Clarke's (2006) six-phase thematic analysis. First, the researchers familiarised themselves with the data through repeated reading. Second, initial codes were generated inductively. Third, codes were organized into potential themes. Fourth, themes were reviewed and refined. Fifth, themes were defined and named. Finally, the report was produced. During coding, the researchers were struck by how openly participants described reliance on ChatGPT as a necessity rather than a convenience. This challenged initial assumptions that use would be primarily optional or exploratory.

RESULTS

Table 1 presents the characteristics of the 21 respondents. The sample was fairly balanced by gender, with 11 males and 10 females. Most respondents were aged 26–30 years (9), followed by 20–25 years (7). A majority were Master's students (14), while 7 were PhD candidates. Institutional representation included federal (9), state (8), and private universities (4). In terms of usage, 9 respondents were frequent ChatGPT users, while 10 experienced severe supervisory gaps. Awareness was mainly through peers (8) and social media (7).

Table 1. Characteristics of Respondents (N = 21)

Category	Sub-category	N = 21
Gender	Male	11
	Female	10
Age	20–25 years	7
	26–30 years	9
	31 years and above	5
Level of Study	Master's Degree	14
	PhD	7
Institution Type	Federal Universities	9
	State Universities	8
	Private Universities	4
Stage of Research	Coursework Stage	4
	Proposal Stage	5
	Data Collection/Analysis	6
	Thesis Writing Stage	6
Awareness of ChatGPT	Peer Influence	8
	Social Media	7
	Self-Exploration	6
Extent of Use	Frequent Users	9
	Occasional Users	8
	Rare Users	4
Experience of Supervisory Gaps	Severe Gaps	10
	Moderate Gaps	7
	Minimal Gaps	4

Theme 1: Informal Awareness and Self-Directed Adoption of ChatGPT

Across respondents, awareness and use of ChatGPT clearly emerge as informal, peer-driven, and largely self-taught, with little to no institutional direction. Patterns show students relying on classmates, social media, and personal experimentation, often in response to academic pressure points such as proposals, data analysis, and thesis writing.

R1 (Male, MSc thesis stage) and R6 (Female, PhD thesis stage) strongly reflect peer-led discovery: *"I only came to know about ChatGPT when my colleagues and I were stuck writing our thesis chapters… nobody from the department mentioned it, we just shared links among ourselves and started testing it."* Similarly, R14 (Female, PhD frequent user) and R20 (Female, MSc data analysis) emphasized collaborative learning: *"We practically taught ourselves in group chats… someone would post a prompt, others would refine it, and gradually we improved how we used it for research tasks."*

Social media plays a parallel role. R2 (Female, MSc coursework stage) and R12 (Female, MSc coursework stage) described passive exposure turning into active use: *"I saw people demonstrating ChatGPT on TikTok and WhatsApp… at first it looked like a gimmick, but when assignments became overwhelming, I tried it and started learning step by step."* R8 (Female, PhD data analysis) added depth: *"YouTube tutorials helped me understand how to structure prompts properly… There was no formal guide, so I depended entirely on online content."*

Self-exploration also stands out, particularly among advanced students. R3 (Male, PhD data analysis) and R19 (Male, PhD thesis stage) explained: *"I discovered it on my own while searching for academic tools… from there, I kept experimenting until I could use it for coding, analysis, and refining arguments."* R16 (Female, PhD data analysis) similarly noted: *"It was purely trial and error… each time I used it, I learned a better way to ask questions."*

Many respondents explicitly highlight the absence of institutional support. R7 (Male, MSc proposal stage) stated: *"There was no lecture, no seminar, nothing… we just figured it out ourselves because we needed help."* R11 (Male, PhD data analysis) reinforced this: *"Even supervisors do not discuss it… However, many of us rely on it heavily for structuring ideas."*

Frequent users describe a process of continuous improvement. R10 (Female, MSc thesis stage) explained: *"Once I started using it for literature review summaries, I kept refining my prompts… now it is part of my daily research routine."* R13 (Male, MSc proposal stage) added: *"You learn by doing… the more mistakes you make, the better your results become."*

However, a small group reflects more cautious or limited engagement. R5 (Male, MSc coursework stage) and R9 (Male, MSc coursework stage) noted: *"I have heard about it through social media and classmates, but I rarely use it… I am not fully convinced it is necessary for my work."* R15 (Male, MSc coursework stage) similarly stated: *"I tried it once or twice, but I prefer doing things manually… maybe I do not yet understand how to use it properly."* R4 (Female, MSc proposal stage) and R21 (Male, MSc proposal stage) also showed measured use: *"It is useful sometimes, but I still depend more on my own writing… I am careful not to rely too much on it."*

Overall, the discussion shows that awareness and adoption are shaped by immediate academic needs, peer interaction, and digital platforms rather than formal structures. As R17 (Male, MSc proposal stage) succinctly put it: *"We introduced it to ourselves… the system did not introduce it to us."*

Theme 2: ChatGPT as a Coping Mechanism for Supervisory Gaps and Academic Pressure

Across respondents, ChatGPT is positioned as a practical response to limited supervision and mounting academic pressure, particularly during proposal, analysis, and thesis stages. Many describe it not as optional, but as necessary to maintain progress.

R1 (Male, MSc thesis stage) and R6 (Female, PhD thesis stage) clearly situate their use within supervisory absence: *"My supervisor can disappear for weeks… deadlines are still there, so I use ChatGPT to draft sections, reorganize my arguments, and keep moving because waiting is not an option."* R10 (Female, MSc thesis stage), R14 (Female, PhD thesis stage), and R19 (Male, PhD thesis stage) reinforce this dependency: *"It has become like a constant assistant… when feedback is delayed, I rely on it to refine chapters, generate ideas, and even rephrase complex sections so I do not fall behind."*

For those in data-intensive stages, the tool fills both technical and conceptual gaps. R3 (Male, PhD data analysis), R8 (Female, PhD data analysis), R11 (Male, PhD data analysis), R16 (Female, PhD data analysis), and R20 (Female, MSc data analysis) describe this in detail: *"During analysis, you cannot always wait for your supervisor to explain things… ChatGPT helps me interpret outputs, suggest methods, and even guide coding steps… without it, progress would be extremely slow."* A shorter reflection captures the immediacy: *"It is faster… always available."* (R11, Male, PhD).

Students at the proposal stage also rely on it to navigate early uncertainty. R7 (Male, MSc proposal stage), R13 (Male, MSc proposal stage), R17 (Male, MSc proposal stage), and R21 (Male, MSc proposal stage) noted: *"At proposal level, you are often confused and supervisors expect you to know things already… ChatGPT helps structure the background, refine research questions, and make the work look more coherent."* R4 (Female, MSc proposal stage) adds: *"It helps, especially when feedback is slow… but I still try to balance it with my own input."*

Even at the coursework stage, pressure drives use. R2 (Female, MSc coursework), R12 (Female, MSc coursework), and R18 (Female, MSc coursework) explained: *"Assignments come quickly, and lecturers do not always explain in detail… ChatGPT helps break things down and generate ideas so I can submit on time."*

A critical concern cutting across responses is the lack of formal approval and uncertainty about legitimacy. R6 (Female, PhD thesis stage) expressed this tension in detail: *"It helps me produce work faster and better… but at the end of the day, ChatGPT cannot approve my thesis, it cannot sign anything, and I still worry how I will defend parts of my work if asked directly."* Similarly, R14 (Female, PhD) noted: *"There is this silence around using it… You are using it to survive, but you are not sure how openly you can admit it."*

However, a small group describes more limited reliance. R5 (Male, MSc coursework stage), R9 (Male, MSc coursework stage), R15 (Male, MSc coursework stage), R4 (Female, MSc proposal stage), and R2 (Female, MSc coursework stage) reflect this: *"I know it can help, but I do not depend on it much… I still prefer to work things out myself unless I am really stuck."* Another adds briefly: *"I use it sometimes… not always."* (R9, Male, MSc).

Overall, the discussion shows that ChatGPT functions as a coping mechanism shaped by urgency, gaps in supervision, and constant academic demands. As R3 (Male, PhD) succinctly put it: *"Without it, many of us would simply be stuck waiting."*

DISCUSSION

The data suggest that postgraduate students are not adopting ChatGPT through formal institutional channels, but through improvised, peer-led pathways, as shown in Theme 1. This matters because it shifts AI uptake away from policy and pedagogy and into informal survival practices. Respondents described learning through colleagues, WhatsApp groups, TikTok, YouTube, and trial and error, rather than through seminars, supervisor guidance, or departmental training. This pattern aligns with studies reporting high awareness and growing readiness to use AI in higher education (Adams et al., 2024; Ngonso et al., 2025; Shittu et al., 2025). However, the present data diverge from that literature by showing that awareness does not translate into structured institutional support. In this respect, the findings are closer to those of Ekarika et al. (2025), Khelfat & Benadda (2025), and Nwagbara (2025), who argue that policy ambiguity and weak training leave students to navigate AI on their own. Through the lens of UTAUT, these points point to weak facilitating conditions: students may perceive ChatGPT as useful and fairly easy to use, but institutional infrastructures for responsible adoption remain thin. Acceptance, then, is not being enabled by the university; students themselves are assembling it.

Theme 2 deepens this argument by showing that ChatGPT is used less as a convenience tool and more as a response to supervisory delay, limited feedback, and pressure to keep progressing. The data do not simply confirm that AI improves efficiency; they show why that efficiency becomes so valuable in the first place. Respondents used ChatGPT to draft sections, refine proposals, interpret data outputs, and keep thesis work moving when supervisors were unavailable. This aligns with Dai et al. (2023), Iatrellis et al. (2025), and Omodan (2025), all of whom argue that AI can extend supervisory capacity and support higher-order research work. However, the data also challenge the more optimistic tone in parts of that literature. Students were clear that ChatGPT cannot validate a thesis, approve research decisions, or replace the authority required in a viva. That tension is important. It supports Omodan's (2025) claim that AI may enhance workflow while still weakening the relational core of supervision, and it echoes Mbodila's (2025) warning that supervisory roles are being redefined rather than removed.

This is where the strongest divergence from existing literature emerges. Some studies frame AI adoption mainly in terms of usefulness, efficiency, or trust (Abdelazim et al., 2025; Daud, 2026). The present data show that these factors matter, but they are not sufficient in themselves. Students are not only asking whether ChatGPT works; they are asking whether they can safely depend on it in an environment where supervision is inconsistent and institutional rules are unclear. UTAUT helps explain part of this: performance expectancy is clearly high, effort expectancy is also high, and peer-based social influence is evident in Theme 1. However, the findings suggest that facilitating conditions are the most fragile part of the model, and that this weakness pushes students into concealed, self-directed adoption.

In contrast to Abdelazim et al. (2025), where social influence was weak, peer influence here is central because formal support is absent. This "new knowledge" likely exists because these students are operating in a context where AI is not merely an innovation to be accepted, but a compensatory mechanism for structural gaps. The data therefore support a hybrid model of supervision, but only if institutions

move beyond silence and build explicit guidance, training, and ethical clarity around actual student practice (Brown & Rossouw, 2026; Omodan, 2025).

LIMITATIONS OF THE STUDY

The study is limited by its small sample size (N = 21), which restricts generalisability across all postgraduate students. Data were self-reported, raising the possibility of bias or underreporting of actual ChatGPT use. The study also focuses on selected universities, limiting institutional diversity. Additionally, the cross-sectional design captures experiences at one point in time and does not account for changes in AI adoption or supervision dynamics over time. Future studies should use larger, multi-institutional samples to enhance generalisability. Longitudinal research is needed to track changes in AI adoption over time. Comparative studies across disciplines and countries could provide deeper insights. Further research should also examine supervisors' perspectives and evaluate the effectiveness of institutional AI policies and training interventions.

CONCLUSIONS

The study found that postgraduate students are highly aware of ChatGPT, mainly through peers and social media. However, adoption is informal and self-directed due to a lack of institutional guidance. Usage is strongly linked to supervisory gaps, with most respondents experiencing moderate to severe delays in feedback. ChatGPT is frequently used to draft, refine, and analyze research work, particularly at the proposal, data analysis, and thesis stages. While students perceive it as useful and efficient, they remain cautious about its legitimacy and limitations in academic validation. Overall, ChatGPT functions not just as a learning tool but as a coping mechanism compensating for weak supervisory support and unclear institutional policies.

Universities should establish clear, institution-wide guidelines on the ethical and acceptable use of ChatGPT in postgraduate research, including requirements for disclosure, to address the current uncertainty and hidden usage identified in the findings. In addition, structured AI literacy training should be embedded into postgraduate programs, focusing on practical skills such as prompt design, critical evaluation of outputs, and responsible academic integration, given that students are currently self-teaching through informal channels. Finally, institutions should strengthen supervisory systems by enforcing clearer feedback timelines and encouraging supervisors to engage with AI-assisted workflows, ensuring that ChatGPT complements rather than replaces academic guidance in contexts where supervisory gaps are prevalent.

AI DISCLOSURE STATEMENT

In places where the authors thought their sentences and expressions were rather dense, they used ChatGPT and Grammarly to paraphrase their content, thus improving the readability, grammar, and clarity of the writing. The generated texts were then carefully reviewed and later adapted. Hence, the authors take full responsibility for the accuracy, integrity, and content of this manuscript.

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DATA AVAILABILITY

The data supporting the findings of this study are available from the corresponding author upon reasonable request. Due to the qualitative nature of the study and the need to protect participant confidentiality, the full interview transcripts are not publicly available.

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CONFLICT OF INTEREST

The author hereby declares that this research is free from conflicts of interest with any party.

REFERENCES

Abdelazim, A., Al Breiki, M., & Khlaif, Z. N. (2025). AI in education: The mediating role of perceived trust in adoption decisions of school leaders. *Education and Information Technologies*, *30*(15), 20943-20975. https://doi.org/10.1007/s10639-025-13596-4

Adams, D., Chuah, K. M., Devadason, E., & Azzis, M. S. A. (2024). From novice to navigator: Students' academic help-seeking behaviour, readiness, and perceived usefulness of ChatGPT in learning. *Education and Information Technologies*, *29*(11), 13617-13634. https://doi.org/10.1007/s10639-023-12427-8

Adewojo, A. A., Olatunji, O. M., & Olalere, P. M. (2026). Effects of AI-driven tools on reference services and staff roles in academic libraries. *Reference Services Review*, *54*(1), 15-30. https://doi.org/10.1108/RSR-02-2025-0008

Akinbobola, A. O., Omojuwa, O. S., & Olorunfemi, A. A. (2025). Assessing Undergraduates' Perceptions of Use of AI Generative Tools for Academic Activities in Adeyemi Federal University of Education, Ondo, Ondo State, Nigeria. *Humanities*, *5*(5), 159-166. https://doi.org/10.36348/merjhss.2025.v05i05.003

Al Zakwani, A. A. A., Thuwarakesh, D. M., & Khalil, M. K. (2024). Enhancing Academic Guidance with AI: Investigating the Present Capabilities and Future Prospects of ChatGPT in Empowering Students. In *Empowering Digital Education with ChatGPT* (pp. 175-188). Chapman and Hall/CRC. https://doi.org/10.1201/9781032716350-12

Braun, V., & Clarke, V. (2006). Using thematic analysis in psychology. *Qualitative research in psychology*, *3*(2), 77-101. https://doi.org/10.1191/1478088706qp063oa

Brown, A., & Rossouw, J. (2026). Artificial intelligence as a reflexive collaborator in graduate studies supervision. *Transformation in Higher Education*, *11*, 657. https://doi.org/10.4102/THE.v11i0.657

Cowling, M., Crawford, J., Allen, K. A., & Wehmeyer, M. (2023). Using leadership to leverage ChatGPT and artificial intelligence for undergraduate and postgraduate research supervision. *Australasian Journal of Educational Technology*, *39*(4), 89-103. https://doi.org/10.14742/ajet.8598

Črček, N., & Patekar, J. (2023). Writing with AI: University students' use of ChatGPT. *Journal of Language and Education*, *9*(4 (36), 128-138. https://doi.org/10.17323/jle.2023.17379

Creswell, J. W., & Poth, C. N. (2016). *Qualitative inquiry and research design: Choosing among five approaches*. Sage publications. https://docs.edtechhub.org/lib/XAH8M47G

Dai, Y., Lai, S., Lim, C. P., & Liu, A. (2023). ChatGPT and its impact on research supervision: Insights from Australian postgraduate research students. *Australasian Journal of Educational Technology*, *39*(4), 74-88. https://doi.org/10.14742/ajet.8843

Daud, N. M. (2026). Beyond 'Good'or 'Bad': Investigating Trust and Techno-Resistance in Postgraduate Students' Voluntary Use of AI Technologies. *Technology in Society*, 103213. https://doi.org/10.1016/j.techsoc.2026.103213

Ekarika, C. B., Chidozie, V. N., Okon, B. E. K., & Akpan, B. E. (2025). Navigating Postgraduate Research in University Of Calabar Through Artificial Intelligence (AI): Implications For Skill Development, Mentorship and Supervision. *Gaspro International Journal Of Eminent Scholars*, 12(3), 14-30. https://www.globalacademicstar.com/article/navigating-postgraduate-research-in-university-of-calabar-through-artificial-intelligence-ai-implications-for-skill-development-mentorship-and-supervision

Ezeani, C. C. (2024). ChatGPT: Impact on Academic Research and Education in Nigeria. *Nigerian Journal of African Studies (NJAS)*, *6*(1), 1-8. https://nigerianjournalsonline.org/index.php/NJAS/article/view/3622

Farhi, F., Jeljeli, R., Aburezeq, I., Dweikat, F. F., Al-shami, S. A., & Slamene, R. (2023). Analyzing the students' views, concerns, and perceived ethics about ChatGPT usage. *Computers and Education: Artificial Intelligence*, *5*, 100180. https://doi.org/10.1016/j.caeai.2023.100180

Galjak, M., & Budić, M. (2025). Generational Divide in AI Adoption for Academic Writing: Evidence From Serbian Social Scientists. *Social Science Computer Review*, 08944393251413796. https://doi.org/10.1177/08944393251413796

Gammoh, L. A. (2024). ChatGPT in Academia: Exploring university students' risks, misuses, and challenges in Jordan. *Journal of Further and Higher Education*, *48*(6), 608-624. https://doi.org/10.1080/0309877X.2024.2378298

Iatrellis, O., Bania, A., Samaras, N., Kosmopoulou, I., & Panagiotakopoulos, T. (2025). ChatGPT in PhD Mentoring: Exploring the Potential of Generative AI for Academic Guidance and Sustainable Educational Practices. https://doi.org/10.20944/preprints202502.0041.v1

Itua, E., & Frederick, O. (2025). Evaluation of The Use of ChatGPT as a Tool of Academic Research Among Undergraduate Students Of Ambrose Alli University, Ekpoma, Edo State. *ESUI Journal of Politics and Administrative Studies*, *2*(2), 10-16. https://ejpas.ng/article/evaluation-of-the-use-of-chatgpt-as-a-tool-of-academic-research-among-undergraduate-students-of-ambrose-alli-university-ekpoma-edo-state

Khelfat, N., & Benadda, A. (2025). Promoting responsible AI use in academic writing: The role of supervisors in fostering ethical practices. *Majallat al-Buhuth al-Tarbawiyyah wa al-Ta'limiyyah, 14*(2), 47–68. https://asjp.cerist.dz/en/article/284719

Malterud, K., Siersma, V. D., & Guassora, A. D. (2016). Sample size in qualitative interview studies: guided by information power. *Qualitative health research*, *26*(13), 1753-1760. https://doi.org/10.1177/1049732315617444

Mbodila, M. (2025). Postgraduate supervision in the age of ChatGPT: Redefining the role of supervisors. *Foundations and Trends® in Information Systems*, *9*(2), 60-68. https://doi.org/10.5281/zenodo.17557705

Mingyi, M. B., & Moses, J. M. (2025). Knowledge and Application of ChatGPT For Academic Purposes Among University Students in Borno State, Nigeria. *ADIADA Research Review*, *1*(1), 1-17. https://doi.org/10.5281/zenodo.18334893

Mormul, Y., Przybyszewski, J., Nakoud, A., & Cuffe, P. (2024). Reliance on Artificial Intelligence Tools May Displace Research Skills Acquisition Within Engineering Doctoral Programmes: Examples and Implications. In *2024 21st International Conference on Information Technology Based Higher Education and Training (ITHET)* (pp. 1-10). IEEE. https://doi.org/10.1109/ITHET61869.2024.10837618

Ngo, T. T. A. (2023). The perception by university students of the use of ChatGPT in education. *International Journal of Emerging Technologies in Learning (Online)*, *18*(17), 4-19. https://doi.org/10.3991/ijet.v18i17.39019

Ngonso, B. F., Egielewa, P. E., Egenti, G., Uduehi, I., Sunny-Duke, F., Ukhurebor, K. E., ... & Osemengbe, U. O. (2025). Influence of artificial intelligence on educational performance of Nigerian students in tertiary institutions in Nigeria. *Journal of Infrastructure, Policy and Development*, *9*(1), 9949. https://doi.org/10.24294/jipd9949

Nwagbara, U. U. (2025). From curiosity to dependency: Nigerian students' perspectives on AI Integration in academic research. *Journal of Academic Ethics*, *23*(4), 2051-2068. https://doi.org/10.1007/s10805-025-09641-z

Nwuke, T. J., & Yellowe, A. N. (2025). Utilization of artificial intelligence in school supervision for effective administration in public secondary schools in Rivers State, Nigeria. *International Journal of Educational Management, Rivers State*

University., *1*(1), 318-334. https://ijedm.com/index.php/ijedm/article/view/27

Okorie, E. J. C., & West, B. T. I. (2025). Exploring Student Perspectives on ChatGPT Use In Academia: Attitudes And Barriers. *Ayden International Journal of Education and Social sciences*, *13*(2), 1-14. https://doi.org/10.5281/zenodo.15462459

Omodan, B. I. (2025). Redefining the role of supervisors in the era of artificial intelligence: implications for hybrid postgraduate research governance. *Cogent Education*, *12*(1), 2536534. https://doi.org/10.1080/2331186X.2025.2536534

Shittu, O. I., Busari, D. A., & Olonade, O. Y. (2025). Knowledge, Attitude, and Perception of Learners Towards the Use of ChatGPT in the University of Ibadan, Nigeria. *International Journal of Sociology of Education*, *14*(2), 146-168. https://doi.org/10.17583/rise.15313

Suleman, T. A., Okimiji, O. P., Atoro, T. K., & Adejo, J. E. (2025). Deployment of ChatGPT in Nigerian Universities: Addressing Research Challenges and Ethical Considerations. *LASU Journal of Environmental Sciences*, *1*(1), 338-363. https://lasujournals.ng/index.php/lasujes/article/view/50

Watermeyer, R., Phipps, L., Lanclos, D., & Knight, C. (2024). Generative AI and the automating of academia. *Postdigital Science and Education*, *6*(2), 446-466. https://doi.org/10.1007/s42438-023-00440-6

Wibowo, G. A., Rahman, A., & Anis, M. (2023). The impact of ChatGPT use on the quality of academic support for students. *Technology and Society Perspectives (TACIT)*, *1*(3), 132-138. https://doi.org/10.61100/tacit.v1i3.69

Wynn, M. G., & Skuridin, A. (2025, May). AI Assistant for PhD Supervision. In *3rd Symposium on AI Opportunities and Challenges (SAIOC)* (pp. 1-14). https://eprints.glos.ac.uk/15053/

Xu, Y., Ye, S., & Zhu, X. (2023). The ScholarNet and artificial intelligence (AI) supervisor in material science research. *The Journal of Physical Chemistry Letters*, *14*(36), 7981-7991. https://doi.org/10.1021/acs.jpclett.3c01668

Yusmaliana, D., Abubakari, M. S., Monib, W. K., & Shafik, W. (2026). Between Independence and Supervision: A Reflective Account of a PhD Student in the Era of AI. In *International Student Narratives in Globalized Higher Education* (pp. 307-336). IGI Global Scientific Publishing. https://doi.org/10.4018/979-8-3373-4212-2.ch012