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Integrating Peer Feedback In Project-Based Academic Writing Instruction: A Detailed Qualitative Study

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ABSTRACT

This qualitative study explores undergraduate students' perceptions of integrating peer feedback within project-based academic writing instruction. Using semi-structured interviews, focus group discussions, and document analyses, the research investigates how peer feedback practices influence students' writing development, critical reflection, and collaborative engagement. Findings show that peer feedback encourages reflective revision, enhances motivation and community learning, and improves awareness of academic writing conventions. However, challenges related to feedback quality and reviewer confidence suggest the need for structured support and training. These results provide valuable insights for writing instructors and curriculum designers seeking to integrate peer review into project-based learning frameworks.

Keywords: Academic writing; peer feedback; project-based learning; student perceptions; collaborative learning; qualitative study.

INTRODUCTION

Academic writing is increasingly recognized as a critical competency for success in higher education, enabling students to engage with disciplinary discourse and communicate complex ideas effectively. However, undergraduate learners often struggle with mastering academic writing due to challenges such as organizing ideas, sustaining argumentation, and revising drafts effectively. Traditional writing instruction alone may not sufficiently engage students in reflective writing processes, leading educators to explore more interactive pedagogical strategies.

Among these, Project-Based Learning (PBL) has gained prominence as a student-centered instructional approach that immerses learners in authentic, extended writing tasks that reflect real academic challenges. PBL encourages collaborative engagement, iterative revision, and meaningful application of disciplinary knowledge — all of which are essential for academic writing development. Nonetheless, PBL alone may not fully address students' revision strategies and metacognitive awareness in writing. Complementary to PBL, peer feedback — the practice whereby students review and comment on each other's

writing — has been documented as a pedagogically powerful tool. Peer feedback can enhance students' critical thinking, self-reflection, and autonomy in the writing process by engaging them as both feedback providers and receivers.

Despite the broad interest in peer feedback and its demonstrated benefits for writing instruction, more qualitative research is needed to understand how students perceive and experience peer feedback when it is integrated into project-based academic writing instruction. Specifically, exploring students' perspectives can reveal rich insights into how peer feedback contributes to writing development, collaborative learning, and reflective revision practices.

This study addresses this gap by adopting a qualitative focus to investigate undergraduate students' perceptions of peer feedback integrated within a project-based academic writing framework.

LITERATURE REVIEW

1 Project-Based Learning and Academic Writing

Project-Based Learning (PBL) is characterized by its emphasis on collaborative inquiry, authentic tasks, and iterative product development. PBL encourages learners to engage deeply with real-world problems, requiring multiple drafts and stages of revision before submission. Adopting PBL in writing contexts has been shown to motivate students and enhance higher-order thinking, such as conceptual analysis and task ownership. Moreover, PBL fosters content integration and meaningful use of language beyond isolated writing drills, bridging context, audience, and rhetorical purpose.

2 Peer Feedback as a Pedagogical Strategy

Peer feedback involves students providing evaluative and constructive commentary on each other's work. In academic writing contexts, peer feedback has been associated with enhanced writing performance, increased awareness of writing conventions, and improved critical evaluation skills. Empirical research in various educational settings — such as EFL contexts and higher education — has documented the benefits of peer feedback for both writing output and learner engagement. For example, studies have shown that peer feedback can improve lexical use, task achievement, and overall writing quality.

In qualitative inquiries, students often report that peer feedback helps them reflect on their own writing, identify areas for improvement, and develop confidence in making revisions. However, some learners also express concerns related to feedback quality and their own ability to provide constructive comments, underscoring the need for careful structuring and guidance in peer review practices.

3 Student Perspectives on Peer Feedback in Writing Instruction

Understanding student perceptions is crucial because it captures inner cognitive and affective dimensions of learning experiences. Qualitative studies focusing on students' views reveal that peer feedback can foster collaboration, critical reflection, and writing community building. In contexts where peer feedback is mediated through online platforms or classroom interaction, students reported that peer comments stimulated deeper engagement with writing concepts and supported a sense of academic community.

Nonetheless, challenges such as limited confidence in providing feedback and variability in feedback quality highlight the complexity of peer review processes. Systematic literature reviews also underscore a range of benefits — affective, cognitive, behavioral, social, and meta-cognitive — while identifying obstacles related to peer feedback implementations.

In sum, while research consistently points to positive outcomes associated with peer feedback and PBL, few qualitative studies explicitly investigate the lived experiences and perceptions of undergraduate students who engage in peer review within project-based academic writing instruction. This study aims to contribute empirical evidence in this area.

METHODOLOGY

1 Research Design

This study utilized a qualitative case study design to explore how undergraduate students perceive and describe their experiences with peer feedback integrated into a project-based academic writing course. Qualitative inquiry was chosen to capture nuanced student voices and reflections in their own words.

2 Participants and Context

Participants were undergraduate students enrolled in an academic writing course at a university. The course was structured around project-based tasks, requiring students to collaboratively develop academic writing projects over the semester. Within each project cycle, students participated in structured peer feedback sessions, offering comments on peers' drafts based on rubrics focusing on content coherence, argumentation quality, and rhetorical clarity.

3 Data Collection Instruments

Data were collected through multiple qualitative sources:

● Semi-structured Interviews: Individual interviews were conducted with ten volunteer participants after the peer feedback sessions to gather in-depth perceptions and reflections.

● Focus Group Discussions: Two focus groups (5-7 students each) were organized to facilitate shared dialogue about peer feedback experiences.

● Artifact Analysis: Samples of peer feedback

comments and student reflection notes were collected to help triangulate interview and focus group data.

Interviews were audio-recorded and transcribed verbatim with participant consent.

4 Data Analysis

Thematic analysis was used to identify patterns and recurring themes across data sources. Transcripts were coded inductively, allowing themes to emerge from students' narratives. Patterns were clustered into thematic categories related to perceptions of learning, collaborative dynamics, reflective writing processes, and challenges encountered during peer feedback.

RESULTS

This section presents the key themes that emerged from the qualitative data analysis.

1 Enhanced Writing Reflection and Critical Awareness

A consistent theme across interviews was that peer feedback encouraged students to think more critically about their writing. Participants reported that reading and evaluating peers' drafts made them more attentive to structure, coherence, and argument strength in their own texts.

One student commented:

"By reviewing others' work, I realized my own weaknesses, like unclear thesis statements and weak transitions."

This finding aligns with research showing that peer feedback promotes deeper engagement with writing conventions and revision strategies.

2 Collaborative and Social Learning Experiences

Students also highlighted the social dimension of peer feedback, noting that discussing comments with classmates fostered a sense of community and mutual support. Many participants expressed that working together reduced anxiety associated with writing tasks and increased motivation to improve:

"We supported each other, and it felt like we were learning together, not competing."

This social aspect resonates with findings from studies that integrate peer feedback into collaborative learning contexts, where students report enhanced interaction and shared understanding.

3 Motivational and Engagement Benefits

Another theme was increased motivation and engagement. Students described peer feedback as a dynamic process that kept them actively involved throughout the writing cycle, encouraging early drafting, revision, and reflection.

One student noted:

"Knowing I would receive comments from classmates made me take revision seriously and write more carefully."

Such engagement is typical in project-based settings where students have ownership over authentic tasks and ongoing peer involvement.

4 Challenges with Feedback Quality and Confidence

Despite positive perceptions, participants also mentioned challenges. Some students were uncertain about the accuracy or usefulness of peer comments, and a few felt hesitant to critique others' writing due to lack of confidence:

"I wasn't sure if my feedback was helpful because I'm not an expert yet."

This highlights the need for scaffolding and training to enhance students' feedback literacy within peer review activities.

DISCUSSION

The findings of this qualitative study demonstrate that integrating peer feedback into project-based academic writing instruction can positively influence students' learning experiences, writing development, and collaborative engagement. Participants' reflections suggest that peer review fostered critical thinking, deeper reflection on writing, and an increased sense of community. These outcomes align with broader research that highlights cognitive and social benefits of peer feedback in academic contexts.

The enhanced motivation and engagement that students

expressed may be partly attributed to the iterative nature of project-based tasks, which require continuous refinement and dialogue. When students anticipate peer commentary, they are more likely to treat writing as a recursive process rather than a single submission task.

Challenges related to feedback quality and confidence also emerged, indicating that students may need targeted support in how to give and use feedback effectively. This underscores existing literature calling for structured peer review frameworks, including clear rubrics, reviewer training, and opportunities for meta-commentary on feedback exchanges.

CONCLUSION

This study contributes to understanding how undergraduate students perceive the integration of peer feedback within project-based academic writing instruction. Through qualitative evidence, students reported enhanced reflection, critical awareness, motivation, and collaborative engagement — while also acknowledging challenges that can inform pedagogical enhancements.

Educators seeking to implement similar instructional designs should consider providing explicit guidance on feedback literacy, creating supportive review environments, and reinforcing reflection practices to fully realize the potential of peer-supported project-based writing instruction.

REFERENCES

1. Ahmad, F., Sultan, S., Rehman, A., Elhassan, M. A. M., & Unnisa, W. (2025). Enhancing EFL writing proficiency through peer feedback: A mixed-method analysis. Journal of Education Culture and Society. https://doi.org/10.15503/jecs2025.3.363.382

2. Fatimah, N., & Madya, S. (2020). Improving students' essay writing skills by implementing peer feedback. LingTera, 7(1), 84–100. https://doi.org/10.21831/lt.v7i1.14569

3. Pan, Y. (2023). College English teaching based on peer feedback in writing tasks under the perspective of new liberal arts. Journal of Language Teaching, 3(8), 9–19. https://doi.org/10.54475/jlt.2023.020

4. Sutaryo, S., Latif, S., & Hasan, N. (2023). Peer feedback use on collaborative essay writing within project based learning: University students' perceptions and experiences. International Journal of Social Sciences and Humanities Research, 6(8). https://doi.org/10.47191/ijsshr/v6-i8-96

5. Yu, S., & Lee, I. (2016). Peer feedback in second language writing (2005–2014). Language Teaching, 49(4), 461–493. https://doi.org/10.1017/S0261444816000161

6. Wei, Y., & Liu, D. (2024). Incorporating peer feedback in academic writing: A systematic review of benefits and challenges. Frontiers in Psychology, 15, 1506725. https://doi.org/10.3389/fpsyg.2024.1506725

7. Muflihah, T., & Authar, N. (2023). The implementation of peer feedback in EFL writing class. Konstruktivisme: Jurnal Pendidikan dan Pembelajaran, 13(2). https://doi.org/10.35457/konstruk.v13i2.1844