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**ABSTRACT**

**Background:** Graduate assistantships have become essential components of higher education because they offer financial support alongside structured professional development, yet many institutions continue to struggle with inequitable access, unclear policies, inconsistent supervision, and limited coordination needed to maximise their developmental value. **Method:** This study used a qualitative desk-based research approach relying solely on secondary data from academic literature, institutional documents, and policy reports published between 2015 and 2025. Relevant materials were systematically identified, screened, and analysed through thematic content analysis to explore patterns related to assistantship design, experiential learning, student development, and institutional frameworks. **Results and Discussion:** The findings show that graduate assistantships provide significant opportunities for students to develop communication skills, teaching competence, research capability, leadership qualities, and reflective judgment through direct participation in academic, research, and administrative work. The analysis also reveals that the effectiveness of assistantships depends heavily on institutional structures, including clarity of roles, supervision quality, workload balance, and the presence of coordinated support led by Student Affairs units. Well-organised programs enhance experiential learning, foster professional identity formation, and promote equitable access, while poorly structured programs limit learning, create stress, and reduce developmental outcomes. These insights highlight how assistantships function as experiential learning environments where theory is integrated with practice and professional skills are strengthened. **Conclusion:** The study concludes that graduate assistantships are most impactful when intentionally designed, transparently managed, and supported through strong institutional policies and mentorship systems.

**Keywords:** Graduate Assistantship, Professional Development, Experiential Learning, Student Affairs, Higher Education Policy, Graduate Employability



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**INTRODUCTION**

Graduate assistantships have become a central feature of contemporary higher education, combining financial support with structured opportunities for professional and experiential learning. Typically, graduate assistants support teaching, research, or administrative functions in exchange for stipends, tuition waivers, or other forms of aid, while simultaneously acquiring skills relevant to academic and professional careers (Fedukovich & Hall, 2016; Stanford University, 2025). As graduate education increasingly emphasises employability, leadership, and practical competence, assistantships are widely regarded as mechanisms that bridge academic study and professional practice. Despite this recognised value, significant challenges persist in how graduate assistantships are accessed, structured, and managed. Evidence from the literature indicates that many institutions struggle with inequitable access, unclear policies, inconsistent supervision, and uneven developmental outcomes for graduate assistants (Naylor & Mifsud, 2020; Posselt et al., 2017). In many cases, assistantship opportunities are poorly communicated, decentralised, or unevenly distributed across departments, limiting students' ability to benefit fully from these roles (Heinicke & Guenther, 2020; Syoen, 2024). These challenges are particularly pronounced in developing higher education systems, including Nigeria and other African contexts, where assistantship schemes are often less formalised and under-documented in policy and research (Aleru, 2023). As a result, assistantships may fall short of their potential as consistent drivers of professional development and experiential learning.

Conceptually, graduate assistantships are intended to serve dual functions. First, they act as funding mechanisms that reduce financial barriers to graduate study and support degree completion. Second, they provide structured, hands-on work experiences through which students develop professional skills, networks, and identities (Hewitt, 2018). Common forms include teaching assistantships, research assistantships, and administrative or service assistantships, each offering distinct but complementary learning opportunities aligned with institutional missions (Fedukovich & Hall, 2016). When effectively designed, these roles enable graduate students to integrate theory with practice and to gain exposure to academic, research, and organisational environments. The growing emphasis on experiential learning in higher education further underscores the relevance of graduate assistantships. Research consistently shows that graduate students benefit from applied learning opportunities that allow them to translate theoretical knowledge into real-world contexts (Lam et al., 2019; Meyer, 2021). Studies across disciplines demonstrate that hands-on roles enhance professional identity formation, reflective judgment, collaboration skills, and career readiness (Abbonizio & Ho, 2022; Abuelmaatti & Vinokur, 2025). Assistantships represent a practical avenue through which institutions can embed experiential learning within graduate programmes.

However, the extent to which assistantships deliver these benefits depends largely on institutional frameworks, supervision quality, and policy coordination. Where roles are clearly defined, mentoring is provided, and responsibilities are balanced with academic demands, assistantships function as powerful developmental environments. Conversely, poorly structured programs risk becoming sources of stress, role conflict, and inequitable outcomes (Christiaens et al., 2025; Kuka, 2024). These variations highlight the need for a systematic examination of how assistantships are conceptualised, implemented, and supported across institutional contexts. Against this backdrop, this study examines graduate assistantships as catalysts for professional development and experiential learning, with particular attention to issues of access, institutional policy, and the coordinating role of Student Affairs. By synthesising secondary evidence from global and local contexts, the study seeks to clarify the conditions under which graduate assistantships can fulfil their developmental promise and contribute meaningfully to equitable and effective graduate education.

Graduate assistantships are widely recognised as important mechanisms for financing graduate study and for providing structured, hands-on professional learning (e.g., teaching, research, administrative practice). However, despite their potential, multiple and intersecting problems limit students' ability to access, understand, and fully benefit from these opportunities. The problem addressed in this study is twofold: (A) persistent challenges in accessing and understanding graduate assistantship opportunities, and (B) gaps and inconsistencies in policy and institutional guidance that prevent assistantships from consistently delivering maximal professional development outcomes for graduate students. Evidence indicates that structural inequities and systemic barriers reduce equitable participation in graduate funding and assistantship opportunities, particularly for historically minoritised students and those from underrepresented backgrounds (Naylor & Mifsud, 2020). Reviews of equity in graduate education highlight persistent access gaps and call for targeted strategies to remove structural barriers (Posselt et al., 2017). Graduate assistantships serve as crucial mechanisms for financing graduate studies and offering practical professional learning experiences in teaching, research, and administrative practice. However, empirical studies reveal that a lack of transparent communication and centralised information can lead to low uptake and mismatched expectations (Heinicke & Guenther, 2020; Syoen, 2024).

Qualitative studies reveal that important mechanisms, such as perceived lack of content confidence, limited time, caregiving responsibilities, and competing employment, create practical barriers for student participation in graduate assistantships and administrative practice, ultimately reducing involvement from capable candidates (Christiaens et al., 2025). Graduate assistants occupy hybrid roles as both students and staff, and they frequently report conflicts between assistantship responsibilities and degree progress, leading to stress and, in some cases, burnout; inconsistent workload expectations exacerbate this problem (Kuka, 2024). Empirical investigations document significant emotional and workload strains for GAs, which can undermine the developmental benefits of assistantships (Christiaens et al., 2025). Institutions differ substantially in how assistantships are defined, awarded, and managed (funding levels, time-commitment norms, training requirements, performance expectations). This inconsistency creates unequal student experiences and uncertainty about the developmental value of different assistantship types. Institutional policy documents and graduate handbooks demonstrate wide variation in appointment terms and responsibilities across universities. Although assistantships are intended as training opportunities, many programs do not provide systematic pedagogical or research-mentoring training for GAs (for example, TA pedagogy courses, mentored research protocols, or structured supervision).

The literature notes that inadequate supervisor support and training undermine student satisfaction and productivity, limiting the extent to which assistantships build durable professional competencies (Adedokun & Oyetunde-Joshua, 2024). Yet many institutions lack formalised pathways or coordination mechanisms, so assistantships remain siloed responsibilities of individual departments rather than integrated elements of graduate training. This fragmentation reduces institutional capacity to ensure consistent developmental outcomes. Policy frameworks often omit explicit mechanisms to ensure equitable allocation, transparency of selection, or rigorous monitoring and evaluation of assistantship outcomes (e.g., tracking career

impact, skill acquisition, or student well-being) (Kayyali, 2024). The absence of standardised indicators and reporting prevents evidence-informed policy improvement and hides inequitable patterns of access and outcomes. Scholarly reviews and policy analyses call for improved metrics and accountability systems. Because of these access problems and policy gaps, many graduate assistantships fall short of their potential as consistent drivers of professional development and experiential learning. Although isolated studies document specific barriers or program successes, there remains a need for a systematic, consolidated review of secondary evidence that maps the kinds of assistantship functions and opportunities that should be available, clarifies features of strong application processes, and outlines practical coordination roles for Student Affairs and institutional leaders. This study addresses that gap by synthesising secondary data to (a) identify recurring barriers and policy shortfalls, and (b) produce actionable recommendations for educational leadership and government policy aimed at broadening equitable access and maximising assistantship benefits.

#### Research Objectives

1. To examine documented evidence on the impact of graduate assistantships on professional development.
2. To analyse institutional frameworks and policy provisions related to graduate assistantships.
3. To identify best practices for graduate assistantship applications.
4. To highlight the role of Student Affairs divisions in facilitating graduate assistantships.

#### Research Questions

1. How do documented graduate assistantship programs contribute to professional development and hands-on learning?
2. What institutional or policy factors facilitate or limit access to graduate assistantships?
3. How do existing studies describe the role of Student Affairs in supporting graduate assistantships?
4. What strategies have been recommended for strengthening graduate assistantship applications?

This study is anchored in three complementary theoretical perspectives—Experiential Learning Theory, Human Capital Theory and Transformational Leadership Theory. Each theory provides a lens for understanding how graduate assistantship programs function as educational, developmental, and leadership platforms that contribute to students' professional growth and institutional productivity. Together, they form an integrated conceptual foundation that situates graduate assistantships within broader discourses of learning, workforce preparation, and leadership development.

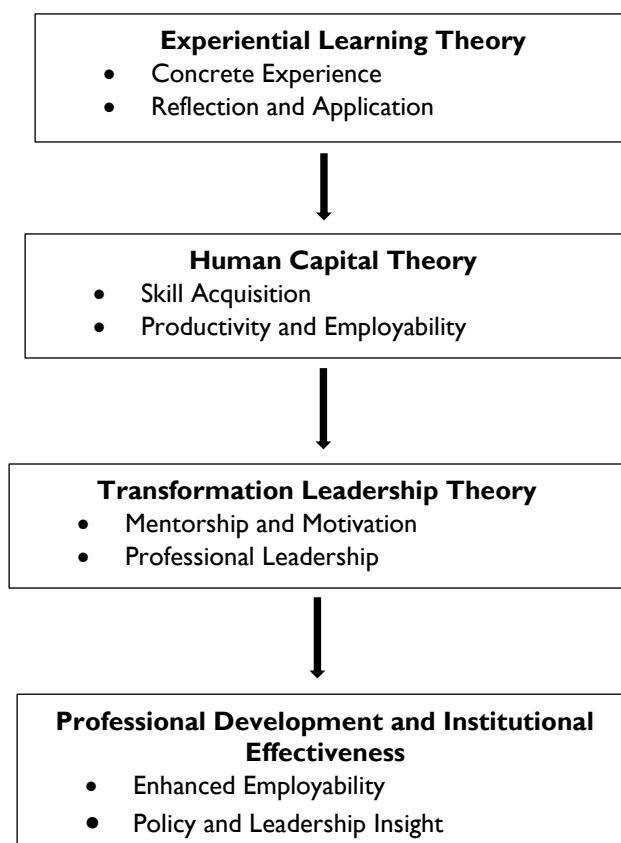
David Kolb's Experiential Learning Theory (ELT) posits that meaningful learning occurs through the transformation of experience into knowledge. Kolb describes learning as "the process whereby knowledge is created through the transformation of experience" (Morris, 2020). The model consists of four stages: concrete experience, reflective observation, abstract conceptualisation, and active experimentation, forming a cyclical process in which learners integrate theory and practice. In the context of graduate assistantships, this theory explains how students develop professionally through hands-on roles that allow them to apply theoretical concepts learned in classrooms to real institutional settings. Pandita and Kiran (2023) reinforce that experiential environments—such as teaching, research, or administrative assistantships—enhance skill acquisition, problem-solving ability, and reflective capacity. Graduate assistants move beyond passive learning to engage in "learning by doing," which fosters critical thinking, adaptability, and professional maturity (Seevaratnam et al., 2023). The ELT framework also emphasises the importance of reflection and feedback, both central to assistantship experiences where supervision, mentorship, and self-assessment help students translate practice into professional competence. Studies in higher education affirm that experiential learning approaches contribute to deeper professional identity formation and improved employability outcomes (Bates, 2024; Tomlinson & Jackson, 2021). Thus, Kolb's theory provides a conceptual foundation for understanding assistantships as structured experiential learning environments that merge academic theory with real-world professional practice.

Gary Becker's Human Capital Theory provides an economic and sociological rationale for investing in education and training as mechanisms for increasing individual productivity and societal development. Leoni (2025) argues that education, experience, and skill acquisition constitute "human capital," and that such investments yield long-term benefits through higher performance, innovation, and earnings potential. Graduate assistantships align with this theory as they represent institutional investments in human capital development. Through these roles, students acquire professional skills—such as leadership, communication, research competence, and pedagogical expertise—that enhance their employability and career progression. As Becker's framework predicts, individuals who accumulate such skills contribute greater value to both their institutions and future employers. Empirical studies support this theoretical connection. Tan et al. (2022) observe that structured educational experiences with practical components significantly increase the returns to education by bridging academic knowledge and workplace competence. Similarly, Lentjushenkova (2021) emphasises that human capital development through higher education is essential for sustainable socio-economic transformation. Applying this lens, graduate assistantship programs can be viewed as strategic institutional investments that generate both individual and societal returns by cultivating competent, skilled, and innovative professionals. Thus, Human Capital Theory situates graduate assistantships not merely as financial aid mechanisms but as developmental systems that transform students into productive assets for the knowledge economy.

James MacGregor Burns' Transformational Leadership Theory focuses on how leaders and followers engage in a mutual process of raising one another to higher levels of motivation, morality, and achievement (Goethals & Allison, 2016). Burns distinguishes transformational leadership from transactional leadership, emphasising that transformational leaders inspire followers to transcend self-interest, embrace institutional vision, and pursue personal and professional growth. In the context of graduate assistantships, supervisors, faculty mentors, and student affairs administrators serve as transformational leaders who model professional ethics, stimulate intellectual engagement, and mentor students toward self-efficacy and leadership competence (Orsini & Coers, 2022). Through consistent guidance, feedback, and delegation of responsibility, graduate assistants are empowered to develop leadership qualities such as visioning, initiative, and problem-solving—traits central to professional advancement (Muetzel, 2015). Transformational leadership also resonates with the developmental outcomes of assistantships, as these roles often require students to manage teams, support teaching, or contribute to institutional research projects. Choi et al. (2016) confirm that transformational leadership environments enhance motivation, job satisfaction, and professional identity formation among emerging professionals. Thus, this theory supports the argument that graduate assistantships—when guided by effective mentoring and supervision—foster leadership development as an integral dimension of experiential and professional learning.

Bringing these three theoretical lenses together, the study conceptualises graduate assistantships as multifaceted developmental systems: From Experiential Learning Theory, assistantships are learning laboratories that integrate knowledge and practice. From Human Capital Theory, they are institutional investments yielding individual and societal productivity returns. From Transformational Leadership Theory, they are mentorship platforms that nurture leadership and moral growth among future professionals. These perspectives collectively explain how assistantship experiences translate into professional development and employability outcomes while illuminating why policy and institutional design must intentionally support and expand such opportunities.

**Graphic I.** Conceptual Model of Graduate Assistantships and Professional Development



Graduate assistantships are institutional arrangements through which postgraduate students engage in supervised academic or administrative work in exchange for financial remuneration, tuition waivers, or professional experience. Although often defined as a form of financial aid, scholarship, or employment, recent scholarship has emphasised that assistantships are also pedagogical and developmental mechanisms designed to cultivate advanced research, instructional, and leadership competencies (Christiaens et al., 2025). The literature identifies three principal types of assistantships: teaching assistantships

(TAs), research assistantships (RAs), and administrative or graduate service assistantships (GSAs). Teaching assistantships primarily involve facilitating undergraduate instruction, grading, or supporting laboratory sessions (Wheeler et al., 2017). Research assistantships engage students in faculty-led or institutional research projects, emphasising methodological training and data management skills (Godreau et al., 2015). Administrative assistantships, increasingly prevalent in student affairs and academic services, immerse students in university operations, offering exposure to leadership, communication, and project coordination (Tull et al., 2023). Critically, while earlier literature focused narrowly on assistantships as financial support, newer research conceptualises them as integrated developmental ecosystems (Crammond, 2024). Studies across U.S., Canadian, and South African universities reveal that assistantship models vary by institutional culture, funding structure, and policy framework (Bolaji, 2025; Cox & Trotter, 2016; Yakaboski & Perozzi, 2018). For example, in Nigeria and other African contexts, assistantships are limited and inconsistently formalised, often tied to faculty discretion rather than structured policy frameworks (Aleru, 2023). This disparity underscores a policy gap that informs the present research—how assistantships might be standardised and optimised for equitable access and educational benefit.

Scholars consistently identify graduate assistantships as powerful vehicles for professional socialisation, bridging the gap between academic study and workplace readiness. The professional development literature frames assistantship experiences as opportunities for graduate students to acquire and apply transferable competencies—including communication, teamwork, project management, and reflective practice—that are essential for employability and leadership (Kranzow & Jacob, 2018). Empirical studies demonstrate that graduate assistants often develop a clearer professional identity and greater confidence in disciplinary engagement than peers without such experiences (Slack & Pownall, 2023). Teaching assistantships, in particular, foster pedagogical skill development, reflective teaching practices, and communication effectiveness, while research assistantships strengthen methodological rigour, scholarly writing, and grant management skills (Sadera et al., 2024). However, the literature also acknowledges systemic inequities: access to assistantships is often shaped by faculty preference, departmental funding, or implicit biases (Capps, 2024). Without transparent criteria and mentorship, students—particularly those from underrepresented backgrounds—may find these opportunities inaccessible. This imbalance directly affects the development of professional capital and perpetuates structural disparities in higher education. The present study, therefore, critically explores how assistantship structures and institutional policies can better support inclusive professional development pathways.

Kolb's Experiential Learning Theory has become central to understanding the developmental impact of graduate assistantships. It posits that knowledge is created through a cyclical process of experiencing, reflecting, conceptualising, and experimenting. Assistantships embody this cycle by situating students in authentic institutional contexts where theoretical learning is continuously tested against practical demands. Research evidence confirms that assistantships yield measurable experiential outcomes—enhanced self-efficacy, adaptability, and reflective judgment (Minasian, 2019). For example, graduate teaching assistants report improved classroom management and assessment design through iterative practice and feedback. Similarly, research assistants develop critical inquiry and collaboration competencies by engaging in interdisciplinary projects. These experiences contribute not only to disciplinary mastery but also to meta-cognitive growth—the ability to learn from learning. Nonetheless, experiential outcomes depend heavily on the quality of supervision and institutional culture. Poorly structured assistantship programs may lead to work overload, unclear expectations, and limited feedback, thereby diminishing learning value (Williams, 2024). Thus, experiential learning in assistantship contexts requires intentional design—balancing academic learning goals with structured mentorship, reflection, and support mechanisms from supervisors and student affairs offices.

The Division of Student Affairs and related institutional structures play a pivotal role in optimising the assistantship experience. Literature on student development theory and higher education administration suggests that effective assistantship programs depend on integrated institutional support systems, including mentoring, orientation, and professional training (Afzal et al., 2024; Tull et al., 2023). In universities where the Division of Student Affairs oversees graduate employment and development initiatives, assistantships are strategically aligned with institutional goals—such as leadership training, diversity enhancement, and community engagement (Ebbers & Rivera, 2023). Conversely, in contexts where assistantship management is decentralised or ad hoc, students often encounter inconsistent expectations, workload disparities, and limited access to guidance (Tull et al., 2023). Tull et al. (2023) argue that the student affairs function should evolve beyond administrative coordination toward transformational mentorship, positioning assistantships as experiential laboratories for developing future educators, researchers, and administrators. In this study, the relationship between institutional structures and graduate assistantship outcomes is examined critically to understand how student affairs divisions can function as developmental bridges between institutional leadership and student professional growth.

Policy and governance frameworks significantly shape the quality and accessibility of graduate assistantship programs. Comparative studies across higher education systems indicate that nations with formalised assistantship policies—such as the United States and Canada—tend to demonstrate higher levels of student engagement, satisfaction, and academic productivity (Abdel-Tawab, 2019). Best practices emerging from the literature include: Transparent recruitment and evaluation policies

ensuring equitable access (Ezeafulukwe et al., 2024); Structured mentorship programs pairing graduate assistants with trained supervisors (Kranzow & Jacob, 2018); Integration of assistantship experiences into academic curricula, emphasizing reflection and assessment (Kranzow & Jacob, 2018); and Continuous policy review mechanisms informed by feedback from students and faculty (Vallon, 2024). In many developing contexts, such as Nigeria, assistantship programs are characterised by a lack of theoretical framework and regulation (Reeves et al., 2016). Without robust policy frameworks, assistantships risk being treated as cheap labour rather than developmental opportunities. The present study's reliance on secondary data, therefore, seeks to synthesise best practices from global models to inform policy recommendations for educational leadership and government agencies responsible for graduate training and employment.

The reviewed literature underscores a convergence around three central insights: Graduate assistantships are not merely financial instruments but structured learning environments that contribute to both academic and professional competence. Their developmental potential depends on experiential learning design, institutional support, and leadership engagement. There exists a critical policy and implementation gap—particularly in developing contexts—requiring evidence-based strategies to make assistantship programs equitable, effective, and professionally enriching. Thus, this study positions itself within this scholarly conversation, seeking to synthesise global evidence to propose a strategic model for optimising graduate assistantship opportunities and enhancing professional development through institutional and governmental frameworks.

## METHOD

This study adopted a desk-based qualitative research design, relying exclusively on secondary data to examine graduate assistantships as mechanisms for professional development and experiential learning. A secondary research approach was considered appropriate because the study sought to synthesise, interpret, and critically evaluate existing empirical studies, institutional documents, and policy frameworks rather than generate primary data. Secondary research enables the identification of patterns, gaps, and convergences across a broad body of scholarship and policy evidence (Ralph & Baltes, 2022). Data were drawn from multiple categories of secondary sources to ensure breadth and contextual depth. These included: Peer-reviewed journal articles addressing graduate assistantships, experiential learning, professional development, and higher education policy. Institutional policy documents, graduate handbooks, and assistantship guidelines are published by universities. Government and agency reports related to graduate funding, employment, and higher education policy.

The review covered publications produced between 2015 and 2025, ensuring that the analysis reflected contemporary developments in graduate education. Sources were retrieved from recognised academic databases and repositories, including Scopus, ERIC, Google Scholar, JSTOR, and ProQuest, as well as official university and government websites. To ensure relevance and rigour, explicit inclusion and exclusion criteria guided source selection. Inclusion criteria: Publications written in English. Sources explicitly addressing graduate assistantships, experiential learning, student professional development, or related institutional policies. Empirical, conceptual, or policy-oriented works published between 2015 and 2025. Materials produced by peer-reviewed journals, accredited institutions, or recognised government and professional bodies. Exclusion criteria: Opinion pieces, blog posts, or commentary lacking conceptual or empirical grounding. Studies unrelated to higher education assistantships. Duplicate publications or sources with insufficient methodological transparency. Selected sources were analysed using thematic content analysis, which allowed for systematic identification and interpretation of recurring themes across diverse materials.

The analysis focused on patterns related to assistantship design, experiential learning processes, professional development outcomes, institutional frameworks, and policy implications. Themes were iteratively refined and interpreted in relation to the study's conceptual framework, ensuring coherence between theory, evidence, and analysis. Although this study did not employ a formal scoring rubric, sources were not treated as equally weighted. Greater analytical emphasis was placed on: Peer-reviewed empirical studies with clear methodologies. Well-cited theoretical or conceptual works. Official institutional and government documents with transparent authorship and scope. Sources with limited methodological detail or narrow contextual relevance were used cautiously and primarily to illustrate contextual variation rather than to support central analytical claims. This selective weighting helped strengthen the credibility and interpretive validity of the synthesis. As a secondary, desk-based study, this research is subject to several methodological limitations that should be acknowledged. First, the absence of primary data limits the study's ability to capture lived experiences, perceptions, or institutional practices beyond what is reported in existing literature.

The findings depend on the scope, depth, and accuracy of previously published sources. Second, publication bias represents a potential limitation. Peer-reviewed literature tends to prioritise successful programs or theoretically aligned findings, which may underrepresent failed initiatives, informal assistantship practices, or negative institutional experiences. As a result, some challenges associated with graduate assistantships may be insufficiently documented in the published literature. Third, while grey literature—such as institutional reports, policy documents, and graduate handbooks—was deliberately

included to complement academic sources, such materials vary in depth, transparency, and analytical rigour. Although these documents provide valuable contextual and policy insights, they may reflect institutional perspectives rather than independent evaluation. Their inclusion was therefore balanced with peer-reviewed scholarship to minimise bias.

Finally, variability in institutional and national contexts limits the generalisability of findings. Graduate assistantship models differ widely across countries and institutions, particularly between developed and developing higher education systems. Consequently, conclusions drawn from global evidence must be interpreted with caution when applied to specific local contexts. Despite these limitations, the triangulation of academic literature, policy documents, and institutional reports enhances the robustness of the analysis. By drawing on diverse and verifiable secondary sources, the study provides a credible and systematic synthesis of evidence while transparently acknowledging its methodological constraints. As the study relied exclusively on publicly available secondary data, no human participants were involved, and formal ethical approval was not required. Ethical standards were nonetheless upheld through accurate citation, respect for intellectual property, and transparent reporting of data sources and analytical procedures.

## RESULTS AND DISCUSSION

### Results

A synthesis of global and regional literature reveals that graduate assistantship programs consistently enhance professional preparedness, experiential competence, and reflective learning among postgraduate students. Across secondary sources, three central themes emerge: (1) professional competency development, (2) experiential and reflective learning outcomes, and (3) institutional impact on graduate employability and leadership capacity. Findings from multiple studies demonstrate that graduate assistantships act as structured professional apprenticeships through which graduate students acquire and refine core skills applicable across academic and non-academic contexts. Teaching assistantships, in particular, develop pedagogical design, communication, and classroom management skills (Broeckelman-Post & Ruiz-Mesa, 2018). Research assistantships, by contrast, foster advanced research design, data analysis, and scholarly writing competencies, thereby enhancing academic productivity (Prihandoko, 2024). Comparative analyses from North American and European contexts (Syoen, 2024) indicate that students who participate in assistantship programs report greater readiness for academic and professional roles, often outperforming peers without such exposure in problem-solving and project management. These competencies translate directly into employability capital—confirming Becker's Human Capital Theory, which posits that structured investment in education and training yields measurable economic and professional returns.

Consistent with Kolb's Experiential Learning Theory, graduate assistantships provide environments where theory and practice intersect through iterative cycles of action and reflection. Several secondary sources (Brooks et al., 2019; McKendree & Washburn, 2021) highlight that such experiences deepen students' metacognitive awareness—enhancing their ability to translate disciplinary knowledge into professional judgment. For example, teaching assistants develop pedagogical self-efficacy by experimenting with instructional strategies, receiving feedback, and reflecting on student engagement outcomes (Shum et al., 2021). Research assistants develop methodological resilience for collaborative troubleshooting of complex research problems, while administrative assistants enhance their organisational and leadership skills to effectively navigate institutional systems. This body of evidence supports Kolb's notion that learning occurs most effectively when learners are actively involved in meaningful tasks, engage in critical reflection, and adapt conceptual understanding to new situations. Assistantships, therefore, represent structured experiential laboratories for developing intellectual autonomy and adaptive expertise.

Institutional data and policy reviews from secondary sources reveal that universities with well-designed assistantship frameworks report stronger graduate employment outcomes and higher satisfaction among alumni. In such institutions, assistantships are strategically integrated into graduate education policy, ensuring alignment between academic objectives and workforce needs. Furthermore, studies in South African and Nigerian contexts (Adewolu, 2024; Mavunga, 2017) show that although assistantships are less formalised, students who secure them still demonstrate superior readiness for academic and administrative roles. However, limited institutional coordination, inconsistent funding, and the absence of national policy frameworks constrain their developmental potential. In contexts where student affairs divisions and faculty mentorship are active, assistantship participants report higher leadership capacity and engagement—illustrating Burns's Transformational Leadership Theory. Effective mentorship within assistantship programs fosters intellectual stimulation, individualised support, and inspirational motivation—factors that transform graduate students from passive learners into proactive contributors to institutional and societal development.

Overall, the synthesis of secondary evidence confirms that graduate assistantships contribute substantially to professional and experiential learning by: Providing hands-on learning platforms that bridge theory and practice; Cultivating transferable competencies such as communication, teamwork, critical inquiry, and leadership; Enhancing reflective judgment and adaptability, consistent with experiential learning principles; and Expanding employability and career progression through the accumulation of human capital and leadership capacity. Despite these benefits, the literature also reveals structural

challenges—particularly in developing regions—such as unclear policy frameworks, inadequate supervision, and inequitable access. Addressing these gaps requires institutional commitment to formalising assistantship programs, embedding mentorship and reflection mechanisms, and aligning them with national graduate education policies. In synthesis, secondary evidence supports the conclusion that graduate assistantships are both pedagogical and developmental instruments that transform postgraduate education from purely academic training into experiential professional formation. The reviewed findings reaffirm that the effectiveness of assistantships depends less on the nature of the task and more on how institutions structure, mentor, and evaluate these experiences. The present study builds upon this evidence to propose strategies for optimising assistantship models in developing higher education systems.

#### Institutional and Policy Insights

A synthesis of secondary sources indicates that institutional structures and policies play a critical role in shaping access to graduate assistantships. Studies in North America, Europe, and South Africa demonstrate that formalised policies, clear eligibility criteria, and transparent application processes significantly enhance equitable access (Khangala, 2024; Salmi & D'Addio, 2021). Conversely, in contexts with ad hoc or department-driven assistantship allocations, access is often highly variable and inequitable, reflecting favouritism, resource constraints, or implicit biases. Equity considerations extend beyond admission to include allocation of assistantship types and workload assignments. Research suggests that without explicit institutional policies on equity, certain groups—such as women, first-generation students, and students from underrepresented ethnic or socioeconomic backgrounds—are less likely to secure high-value assistantships that promote professional development (Newsome, 2022). Support mechanisms, including orientation, mentorship, and structured training, are consistently identified as key determinants of assistantship success. Nelson (2024) notes that students who receive systematic onboarding and ongoing supervision report higher satisfaction, professional growth, and skill acquisition. In contrast, poorly supported assistantships—lacking feedback, guidance, or professional development components—often fail to provide meaningful experiential learning, reducing both student motivation and developmental outcomes (Kranzow & Jacob, 2018).

Student Affairs divisions are increasingly recognised as central institutional actors in ensuring the developmental effectiveness of graduate assistantships. Literature indicates that Student Affairs can function as a bridge between administrative policy, academic units, and student development by coordinating placements, facilitating training, and providing mentorship (Hoyt, 2023). Empirical and policy studies highlight several functions of Student Affairs in the assistantship ecosystem: Student Affairs offices manage assistantship allocations, liaise with academic departments, and ensure that positions align with students' educational objectives and institutional needs (Tull et al., 2023). Centralised coordination helps prevent duplication, inequities, and misaligned expectations. Beyond administrative oversight, Student Affairs provides mentorship programs, workshops, and reflective learning sessions that enhance the experiential value of assistantships. Mentoring relationships foster transformational development by encouraging graduate assistants to assume leadership, engage in problem-solving, and develop career competencies. Student Affairs divisions often collect feedback from graduate assistants and supervisors to evaluate program effectiveness, workload balance, and learning outcomes. This process informs continuous improvement and policy refinement, ensuring assistantship programs evolve in alignment with institutional objectives and equity standards. Student Affairs offices play a pivotal role in implementing policies that ensure fair access to assistantships, particularly for students from marginalised groups. Programs designed to promote diversity and inclusion in assistantship placements enhance both institutional legitimacy and the developmental reach of these roles.

Secondary analyses reveal several insights relevant for policy and institutional design: Institutions that codify assistantship roles and responsibilities, define eligibility criteria, and provide standardised evaluation mechanisms tend to achieve higher student satisfaction and skill development outcomes. Assistantships embedded in formal graduate education strategies (e.g., linked to professional development objectives, curriculum outcomes, and credit-bearing experiential learning) generate more coherent learning pathways. Faculty mentoring combined with Student Affairs coordination ensures that experiential learning is scaffolded, reflective, and aligned with career trajectories. Policies that mandate equity audits, diversity benchmarks, and transparency in allocation increase participation by underrepresented students and optimise developmental outcomes. Collectively, these findings underscore that graduate assistantships are most effective when institutional policy, administrative support, and mentorship are strategically aligned. They also highlight that Student Affairs divisions are key enablers of equitable access, experiential learning, and professional development.

In synthesis, the secondary evidence demonstrates that: Access and equity remain persistent challenges in many higher education contexts, particularly in developing regions. Structured institutional support, especially through Student Affairs, enhances the developmental and experiential value of assistantships. Policy standardisation, mentorship frameworks, and continuous evaluation are essential for maximising professional learning outcomes. The present research builds on these insights to examine how graduate assistantships can be optimised for professional development and hands-on learning, with a focus on aligning institutional policy, mentorship structures, and equity mechanisms to improve access and outcomes.

#### Discussion

This study set out to examine graduate assistantships as mechanisms for professional development and experiential learning, with particular attention to institutional structures, equity, and policy coordination. Rather than restating the findings, this discussion interprets the results in relation to theory, compares patterns across developed and developing higher education contexts, and outlines concrete policy implications for institutional leaders and policymakers. The findings reinforce the argument that graduate assistantships function most effectively when conceptualised as intentional developmental systems rather than ad hoc forms of student employment. While previous scholarship has established that assistantships enhance skills and employability (Broeckelman-Post & Ruiz-Mesa, 2018; Tan et al., 2022), this study extends that understanding by demonstrating that outcomes depend less on the type of assistantship and more on the institutional architecture surrounding it—including role clarity, supervision, mentoring, and reflective learning structures. From an experiential learning perspective, assistantships operationalise Kolb's learning cycle only when students are supported to reflect, receive feedback, and progressively apply knowledge. Where assistantships are treated primarily as labour contributions—without mentoring or structured learning goals—the experiential value diminishes, even if the work itself is academically relevant. This insight helps explain why assistantships in some institutions produce strong professional identities, while similar roles elsewhere yield limited developmental returns. A critical contribution of this study lies in its comparative interpretation of assistantship practices across contexts. In many North American and European institutions, assistantships are embedded within formal policy frameworks that define eligibility, workload limits, compensation standards, training requirements, and supervisory responsibilities (Syoen, 2024; Salmi & D'Addio, 2021). These structures reduce ambiguity, protect students' academic progress, and increase the likelihood that assistantships function as developmental experiences rather than exploitative arrangements. By contrast, in Nigeria and much of sub-Saharan Africa, assistantships tend to be informal, decentralised, and weakly regulated, often dependent on departmental discretion or personal networks (Aleru, 2023). This structural informality produces several consequences: uneven access, limited transparency in selection, unclear expectations, and inconsistent supervision. While some graduate students in these contexts still benefit from assistantship experiences, outcomes are highly variable and largely dependent on individual supervisors rather than institutional systems. Importantly, the issue is not simply resource scarcity. The evidence suggests that governance and coordination gaps, rather than funding alone, account for many shortcomings in developing contexts. Even modest assistantship schemes can yield strong developmental outcomes when supported by clear guidelines, mentorship expectations, and accountability mechanisms. Thus, the developmental gap between contexts reflects differences in policy intentionality and institutional design, not only economic capacity. The discussion of equity requires deeper interpretation beyond acknowledging access gaps. In developed contexts, inequities persist despite formal policies, often driven by implicit bias, disciplinary hierarchies, and unequal access to high-value assistantships (Posselt et al., 2017). However, policy tools—such as transparent recruitment processes, centralised postings, and equity audits—provide mechanisms for identifying and addressing these disparities. In contrast, in many African institutions, inequity is intensified by the absence of such tools. When assistantships are informally allocated, students without social or academic capital are systematically disadvantaged, regardless of merit. This finding underscores that equity cannot be achieved through goodwill alone; it requires explicit policy instruments, monitoring systems, and institutional accountability. Without these, assistantships risk reinforcing existing social and academic inequalities rather than mitigating them.

At the institutional level, university leadership should: Formalise graduate assistantship policies by defining roles, workload limits, compensation, and learning objectives in official regulations and graduate handbooks. Centralise coordination through Student Affairs or Graduate Schools, ensuring transparent advertisement, selection, and placement processes across departments. Mandate supervisory training for faculty and administrators overseeing graduate assistants, with clear expectations for mentoring, feedback, and workload management. Integrate assistantships into professional development frameworks, including orientation programmes, reflective reporting, and skills workshops.

At the national and regulatory level, ministries of education and higher education commissions should: Develop national guidelines for graduate assistantships, outlining minimum standards for appointment, supervision, equity, and student protection. Incorporate assistantships into graduate funding and employability policies, recognising them as structured training mechanisms rather than informal labour arrangements. Require institutional reporting on assistantship access and outcomes, including data on participation, completion, and post-graduation trajectories.

At the Student Affairs level, practitioners should: Act as developmental brokers, aligning assistantship roles with students' academic goals and career pathways. Establish mentoring and reflection structures that transform assistantships into experiential learning laboratories. Monitor student well-being and workload balance, intervening where assistantship demands threaten academic progress.

In sum, the discussion clarifies that the effectiveness of graduate assistantships is not inherent in the roles themselves but is produced through policy design, institutional coordination, and leadership practice. The comparative analysis reveals that developing contexts face not only resource constraints but also structural and governance challenges that limit the developmental promise of assistantships. Addressing these challenges requires moving beyond generic calls for "policy

improvement" toward concrete, multi-level reforms that embed assistantships within coherent professional development systems. By doing so, graduate assistantships can fulfil their potential as equitable, experiential, and transformative components of graduate education.

## CONCLUSION

This study examined graduate assistantships as catalysts for professional development and experiential learning through a systematic synthesis of secondary literature, institutional documents, and policy frameworks. The analysis confirms that graduate assistantships are not merely financial support mechanisms but structured developmental platforms through which postgraduate students acquire professional competencies, leadership capacity, and experiential knowledge that extend beyond formal coursework. When intentionally designed, assistantships function as experiential learning environments that integrate theory with practice, strengthen human capital, and support professional identity formation. However, the study also demonstrates that the developmental impact of assistantships is highly contingent on institutional and policy conditions. In contexts where assistantships are supported by clear policies, structured supervision, and coordinated oversight—common in many developed higher education systems—students are more likely to experience meaningful learning, manageable workloads, and enhanced employability outcomes. Conversely, in developing contexts such as Nigeria and parts of sub-Saharan Africa, assistantships are often informal, inconsistently managed, and weakly regulated. These structural limitations restrict access, create inequities, and reduce the capacity of assistantships to deliver consistent professional development benefits. This study concludes that assistantships achieve their greatest impact when supported by intentional policy design, coordinated institutional leadership, and a clear commitment to equity and experiential learning. Strengthening these conditions will not only enhance graduate student development but also contribute to more effective, inclusive, and future-ready higher education systems.

Based on the evidence synthesised, several actionable conclusions emerge: Institutions should formally embed graduate assistantships within graduate education frameworks, defining assistantship roles, learning objectives, supervision standards, and workload limits in official policy documents. Central coordination—particularly through Student Affairs or Graduate Schools—is essential for ensuring transparency, equity, and developmental coherence across departments. Supervisory capacity must be strengthened through training and clear accountability mechanisms so that assistantships function as mentored learning experiences rather than unstructured labour. Equity should be explicitly built into assistantship design, including transparent recruitment processes, publicly advertised opportunities, and monitoring of participation and outcomes across student groups.

National higher education authorities should recognise graduate assistantships as structured training instruments, incorporating them into graduate funding, employability, and workforce development policies. Together, these actions position graduate assistantships as strategic tools for aligning postgraduate education with institutional effectiveness, workforce readiness, and societal development.

As a desk-based study relying on secondary data, this research also highlights important avenues for future inquiry. First, empirical studies using primary data—including interviews, surveys, and longitudinal designs—are needed to capture graduate assistants' lived experiences, well-being, and professional trajectories across different institutional contexts. Second, comparative studies across developing countries would deepen understanding of how assistantship models function under varying policy, cultural, and resource conditions. Third, future research should examine the specific role of Student Affairs divisions in mediating assistantship quality, supervision, and experiential learning outcomes. Fourth, equity-focused research is needed to investigate how gender, socioeconomic status, disability, and first-generation status shape access to and benefits from graduate assistantships. Finally, studies that evaluate the long-term career outcomes of assistantship participation would provide critical evidence for policymakers assessing the return on investment of such programs.

## REFERENCES

- Abbonizio, J. K., & Ho, S. S. (2020). Students' perceptions of interdisciplinary coursework: An Australian case study of the master of Environment and Sustainability. *Sustainability*, 12(21), 8898. <https://doi.org/10.3390/su12218898>
- Abdel-Tawab, E. M. (2019). Exploring higher education policy reforms in different contexts: A comparative study of Australia, Canada and Egypt. Master's Thesis, American University, Cairo
- Abuelmaatti, A., & Vinokur, L. (2025). Enhancing graduate employability through interdisciplinary, work-based learning. *Journal of Learning Development in Higher Education*, (36). <https://doi.org/10.47408/jldhe.vi36.1494>
- Adedokun, T., & Oyetunde-Joshua, F. (2024). Strengthening student-supervisor relationships: An examination of postgraduate students' perspectives on supervisory supports. *JMSP (Jurnal Manajemen dan Supervisi Pendidikan)*, 8(2), 108-123. <https://doi.org/10.17977/um025v8i22024p95>

- Adewolu, O. A. (2024). *Higher Education, skills development and students' preparedness for employability: a case study of the University of Lagos, Nigeria (towards a sustained practice approach with the triple helix model of innovation)* (Doctoral dissertation, UCL (University College London)).
- Afzal, A., Sami, A., & Munawar, S. (2024). The role of academic advising and mentoring in promoting student success and retention. *International Journal of Human and Society (IJHS)*, 4(1), 110-123.
- Aleru, G. E. (2023). University Administrators' Roles in the Improvement of the Synergy between Formal and Informal Education in Rivers State, Nigeria: A Contextual Dimension. *International Journal of Research in Education and Sustainable Development*, 3(12), 33-47.
- Bates, C. A. (2024). *Increasing Employment Outcomes for Culturally Diverse Students Through Experiential Learning in Higher Education* (Doctoral dissertation, Northeastern University).
- Bolaji, O. (2025). *Navigating New Horizons: Examining the Transition Experiences and Support Systems for African International Students at the University of Saskatchewan* (Doctoral dissertation).
- Broeckelman-Post, M. A., & Ruiz-Mesa, K. (2018). Best practices for training new communication graduate teaching assistants. *Journal of Communication Pedagogy*, 1(1), 93-100. <https://doi.org/10.31446/JCP.2018.16>
- Brooks, B., Schaab, K., & Chapman, N. H. (2019). Integration and Metacognition: Engaging Metacognitive Capacity Building Strategies to Enhance Interdisciplinary Student Learning. *Issues in Interdisciplinary Studies*, 37(1), 23-53.
- Capps, S. L. (2024). *Through the Lens of Admissions Staff and Faculty Reviewers: How Implicit Bias Training May Mitigate Bias in the University Admissions Process: A Phenomenological Study* (Doctoral dissertation, Liberty University).
- Choi, S. L., Goh, C. F., Adam, M. B. H., & Tan, O. K. (2016). Transformational leadership, empowerment, and job satisfaction: the mediating role of employee empowerment. *Human resources for health*, 14(1), 73. <https://doi.org/10.1186/s12960-016-0171-2>
- Christiaens, R., Haeger, H., Simms, S., & BrckaLorenz, A. (2025). The paradoxes of US graduate assistantships in education: navigating competing tensions and the impact of stress on graduate wellbeing. *Studies in Graduate and Postdoctoral Education*, 16(1), 40-55. <https://doi.org/10.1108/SGPE-06-2023-0051>
- Cox, G., & Trotter, H. (2016). Institutional culture and OER policy: How structure, culture, and agency mediate OER policy potential in South African universities. *International Review of Research in Open and Distributed Learning*, 17(5), 147-164. <https://doi.org/10.19173/irrodl.v17i5.2523>
- Crammond, R. J. (2024). Evaluating intellectual capital within developmental entrepreneurial environments: conceptualising the sequential role of education and ecosystems. *Journal of Intellectual Capital*, 25(5/6), 914-941. <https://doi.org/10.1108/JIC-05-2024-0148>
- Ebbers, L., & Rivera, M. (2023). Preparation, challenges, and opportunities for student affairs professionals in the community college. *Handbook for student affairs in community colleges*, 298-315. <https://doi.org/10.4324/9781003445050-20>
- Ezeafulukwe, C., Onyekwelu, S. C., Onyekwelu, N. P., Ike, C. U., Bello, B. G., & Asuzu, F. O. (2024). Best practices in human resources for inclusive employment: An in-depth review. *International Journal of Science and Research Archive*, 11(1), 1286-1293. <https://doi.org/10.30574/ijrsa.2024.11.1.0215>
- Fedukovich, C., & Hall, M. (2016). GTA Preparation as a Model for Cross-Tier Collaboration at North Carolina State University: A Program Profile. In *Composition Forum* (Vol. 33). Association of Teachers of Advanced Composition.
- Godreau, I., Gavillán-Suárez, J., Franco-Ortiz, M., Calderón-Squiabro, J. M., Martí, V., & Gaspar-Concepción, J. (2015). Growing Faculty Research for Students' Success: Best Practices of a Research Institute at a Minority-Serving Undergraduate Institution. *Journal of Research Administration*, 46(2), 55-78.
- Goethals, G. R., & Allison, S. T. (2016). Transforming motives and mentors: The heroic leadership of James MacGregor Burns. In *Politics, Ethics and Change* (pp. 59-73). Edward Elgar Publishing. <https://doi.org/10.4337/9781785368936.00012>
- Heinicke, X., & Guenther, T. W. (2020). The role of management controls in the higher education sector: An investigation of different perceptions. *European Accounting Review*, 29(3), 581-630. <https://doi.org/10.1080/09638180.2019.1619603>
- Hewitt, S. R. (2018). *A qualitative case study of graduate assistantship experiences at the University of Central Missouri*. University of Missouri-Columbia.
- Hoyt, J. E. (2023). Student connections: The critical role of student affairs and academic support services in retention efforts. *Journal of College Student Retention: Research, Theory & Practice*, 25(3), 480-491. <https://doi.org/10.1177/1521025121991502>
- Kayyali, M. (2024). Quality enhancement frameworks in higher education. In *Quality Assurance and Accreditation in Higher Education: Issues, Models, and Best Practices* (pp. 61-141). Cham: Springer Nature Switzerland. [https://doi.org/10.1007/978-3-031-66623-0\\_2](https://doi.org/10.1007/978-3-031-66623-0_2)
- Khangala, T. K. (2024). Unlocking Access: How Gauteng Province's Online Admission System is upholding the Right to Basic Education in South Africa: A Human Rights Perspective. *Athens JL*, 10, 765. <https://doi.org/10.30958/ajl.10-4-20>

- Kranzow, J., & Jacob, S. A. (2018). Connecting professional competencies to experiential learning: An intervention for supervisors and graduate assistants. *Journal of College Student Development*, 59(3), 366-371. <https://doi.org/10.1353/csd.2018.0033>
- Kuka, K. M. (2024). The Causes and Implications of Burnout Among Graduate Assistants. Master's Thesis, University of Tennessee
- Lam, C. K. C., Hoang, C. H., Lau, R. W. K., Cahusac de Caux, B., Chen, Y., Tan, Q. Q., & Pretorius, L. (2019). Experiential learning in doctoral training programmes: Fostering personal epistemology through collaboration. *Studies in Continuing Education*, 41(1), 111-128. <https://doi.org/10.1080/0158037X.2018.1482863>
- Lentjushenkova, O. (2021). Human capital development at higher education institutions. *Economics and Culture*, 18(2), 5-14. <https://doi.org/10.2478/jec-2021-0010>
- Leoni, S. (2025). A historical review of the role of education: From human capital to human capabilities. *Review of Political Economy*, 37(1), 227-244. <https://doi.org/10.1080/09538259.2023.2245233>
- Levac, L., Parizeau, K., Varghese, J., Morton, M., Jackson, E., & Hawkins, L. (2018). Towards a framework for building community-university resilience research agendas. *Social Sciences*, 7(12), 260. <https://doi.org/10.3390/socsci7120260>
- Mavunga, G. (2017). *The culture of employee learning at the University of Johannesburg: The case of administrative assistants for university academic work*. University of Johannesburg (South Africa).
- McKendree, B., & Washburn, S. G. (2021). Secondary Teachers' Implementation of Metacognition and Interpretation of Student Metacognitive Knowledge and Regulation. *Journal of Agricultural Education*, 62(3), 85-103. <https://doi.org/10.5032/jae.2021.03085>
- Meyer, C. T. (2021). *Perceptions of experiential learning in a graduate practicum internship*. Doctoral Dissertation, Fielding Graduate University.
- Minasian, R. R. (2019). *Exploring Self-Efficacy Development among Paid Undergraduate Research Assistants*. University of Colorado at Denver.
- Morris, T. H. (2020). Experiential learning—a systematic review and revision of Kolb's model. *Interactive learning environments*, 28(8), 1064-1077. <https://doi.org/10.1080/10494820.2019.1570279>
- Muetzel, A. M. (2015). *Experiential Learning & Engagement: The Role of Professional Development and Engagement in the Graduate Assistant Experience*. Louisiana State University and Agricultural & Mechanical College.
- Naylor, R., & Mifsud, N. (2020). Towards a structural inequality framework for student retention and success. *Higher Education Research & Development*, 39(2), 259-272. <https://doi.org/10.1080/07294360.2019.1670143>
- Nelson, C. L. (2024). *Evolution of Supervision: A Study of New Student Affairs Professionals* (Doctoral dissertation, University of West Georgia).
- Newsome, T. (2022). *I Want to Be a Mentor, Teacher, and Just a Resource: Supporting First-Generation Students Within and Beyond Higher Education* (Doctoral dissertation, Northeastern University).
- Orsini, J., & Coers, N. (2022). Leaders and scholars: how faculty mentoring behaviour influences the development of leadership self-efficacy. *Journal of Leadership Education*, 21(1), 114-137. <https://doi.org/10.12806/V21/I1/R8>
- Pandita, A., & Kiran, R. (2023). Tapping the potential of academic leadership, experiential learning, and the employability of students to enhance higher educational institute performance. *Sage Open*, 13(3), 21582440231183932. <https://doi.org/10.1177/21582440231183932>
- Posselt, J., Reyes, K. A., Slay, K. E., Kamimura, A., & Porter, K. B. (2017). Equity efforts as boundary work: How symbolic and social boundaries shape access and inclusion in graduate education. *Teachers College Record*, 119(10), 1-38. <https://doi.org/10.1177/016146811711901003>
- Prihandoko, L. A. (2024). Exploring the impact of academic reading and research competence on academic writing: A multiple regression analysis among EFL undergraduates. *Journal of Languages and Language Teaching*, 12(1), 451-462. <https://doi.org/10.33394/jollt.v12i1.9738>
- Ralph, P., & Baltes, S. (2022, November). Paving the way for mature secondary research: the seven types of literature review. In *Proceedings of the 30th ACM Joint European Software Engineering Conference and Symposium on the Foundations of Software Engineering* (pp. 1632-1636). <https://doi.org/10.1145/3540250.3560877>
- Reeves, T. D., Marbach-Ad, G., Miller, K. R., Ridgway, J., Gardner, G. E., Schussler, E. E., & Wischusen, E. W. (2016). A conceptual framework for graduate teaching assistant professional development evaluation and research. *CBE—Life Sciences Education*, 15(2). <https://doi.org/10.1187/cbe.15-10-0225>
- Reynolds, C. S. (2025). *Deciphering Leadership Development: An Exploration of Identity, Capacity, and Efficacy among Academic Advisors at Florida State University* (Doctoral dissertation, The Florida State University).
- Sadera, E., Suonio, E. E., Chen, J. C. C., Herbert, R., Hsu, D., Bogdan, B., & Kool, B. (2024). Strategies and approaches for delivering sustainable training and professional development of graduate teaching assistants, teaching assistants, and

- tutors: a scoping review. *Journal of Applied Research in Higher Education*, 16(5), 2199-2215. <https://doi.org/10.1108/JARHE-08-2023-0323>
- Salmi, J., & D'Addio, A. (2021). Policies for achieving inclusion in higher education. *Policy Reviews in Higher Education*, 5(1), 47-72. <https://doi.org/10.1080/23322969.2020.1835529>
- Seaman, J., Brown, M., & Quay, J. (2017). The evolution of experiential learning theory: Tracing lines of research in the JEE. *Journal of experiential education*, 40(4), NPI-NP21. <https://doi.org/10.1177/1053825916689268>
- Seevaratnam, V., Gannaway, D., & Lodge, J. (2023). Design thinking, learning, and lifelong learning for employability in the 21st century. *Journal of Teaching and Learning for Graduate Employability*, 14(1), 182-201. <https://doi.org/10.21153/jtge2023vol14no1art1631>
- Shum, A., Lau, P., & Fryer, L. (2021). From learner to teacher: (Re) training graduate teaching assistants' teaching approaches and developing self-efficacy for and interest in teaching. *Higher Education Research & Development*, 40(7), 1546-1563. <https://doi.org/10.1080/07294360.2020.1818063>
- Slack, H. R., & Pownall, M. (2023). 'Treat GTAs as colleagues, rather than spare parts': the identity, agency, and well-being of graduate teaching assistants. *Journal of Further and Higher Education*, 47(9), 1262-1275. <https://doi.org/10.1080/0309877X.2023.2241392>
- Stanford University (2025). Graduate Student Assistantships. <https://adminguide.stanford.edu/chapters/student-employment-and-assistantships/graduate-student-employment-campus/graduate-student>
- Syoen, S. D. (2024). *From Theory to Practice: How Graduate Assistantships Shape Entry-Level Professionals' Readiness to Serve* (Doctoral dissertation, The University of Tennessee).
- Tan, L. M., Laswad, F., & Chua, F. (2022). Bridging the employability skills gap: going beyond classroom walls. *Pacific Accounting Review*, 34(2), 225-248. <https://doi.org/10.1108/PAR-04-2021-0050>
- Tomlinson, M., & Jackson, D. (2021). Professional identity formation in contemporary higher education students. *Studies in Higher Education*, 46(4), 885-900. <https://doi.org/10.1080/03075079.2019.1659763>
- Tull, A., Hirt, J. B., & Saunders, S. (Eds.). (2023). *Becoming socialised in student affairs administration: A guide for new professionals and their supervisors*. Taylor & Francis.
- Vallon, P. (2024). *Developing and Implementing Effective Faculty Review Processes for Enhanced Performance in Higher Education* (Doctoral dissertation, Walden University).
- Wheeler, L. B., Maeng, J. L., Chiu, J. L., & Bell, R. L. (2017). Do teaching assistants matter? Investigating relationships between teaching assistants and student outcomes in undergraduate science laboratory classes. *Journal of Research in Science Teaching*, 54(4), 463-492. <https://doi.org/10.1002/tea.21373>
- Williams, A. (2024). Delivering Effective Student Feedback in Higher Education: An Evaluation of the Challenges and Best Practice. *International Journal of Research in Education and Science*, 10(2), 473-501. <https://doi.org/10.46328/ijres.3404>
- Yakaboski, T., & Perozzi, B. (2018). *Internationalising US student affairs practice: An intercultural and inclusive framework*. Routledge. <https://doi.org/10.4324/9781315212142>

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