



<https://ijecm.co.uk/>

DUTY ORIENTATION: A CONCEPTUAL STUDY ON EXAMINING MAJOR ANTECEDENTS AND CONSEQUENCES ON EMPLOYEE ENGAGEMENT

Saha Iqbal Hossain 

PhD Student, International Business Administration
A.R. Sanchez, Jr. School of Business
Texas A&M International University, USA
sahahossain@dusty.tamtu.edu

Zahidul Karim

PhD Student, International Business Administration
A.R. Sanchez, Jr. School of Business
Texas A&M International University, USA
zahidulkarim@dusty.tamtu.edu

Abstract

This conceptual study investigates duty orientation through the lens of social exchange theory, focusing on its antecedents, consequences on employee engagement, and the moderating role of ethical leadership. Duty orientation refers to employees' intrinsic motivation to fulfill their responsibilities diligently. The study examines how employee accountability and development inducement serve as significant antecedents influencing duty orientation, thereby affecting employee engagement levels. Ethical leadership is explored as a critical moderator that enhances the relationship between employee accountability, development inducement, and duty orientation within organizations. The paper integrates theoretical insights to underscore the importance of ethical leadership in promoting a culture of responsibility and engagement. Practical implications and future research avenues are discussed to guide organizational strategies in fostering ethical behavior and enhancing employee commitment.

Keywords: Employee accountability, Development inducement, Duty orientation, Ethical leadership, Employee engagement, Social exchange theory



INTRODUCTION

In the current global landscape, organizations are increasingly exerting more effort to maintain their presence and competitiveness. In doing so, organizations involve high levels of work intensity. Employees may feel overwhelmed due to an augmented workload (Msuya & Kumar, 2022), and unorganized work settings (Hill, 2009). To alleviate the sense of being overwhelmed, firms should prioritize employee job orientation to enhance their engagement and effectiveness in their work. Previous studies postulate potential drivers of employee duty orientation, such as ethical leadership (DeConinck et al., 2021), perceived organizational support (Eva et al., 2020), and ethical psychological climate (Gok et al., 2023). This study addresses the factors contributing to a sense of duty in the existing body of literature, such as employee accountability and development inducement. Furthermore, this study also reveals that a sense of responsibility orientation increases employee engagement in their job settings.

Duty orientation is an individual's voluntary commitment to serving and steadfastly assisting other group members, making efforts and sacrifices to achieve the group's responsibilities and goals, and upholding its codes and principles (Hannah et al., 2014). Duty orientation comprises three dimensions such as the duty to member, duty to mission, and duty to codes (Hannah et al., 2014). Duty to a member involves a dedication to maintaining allegiance and assisting one's group and its members, prioritizing their interests above one's own. Duty to Mission implies steadfast dedication to the organization's goals. This requires a willingness to work hard, compromise, take reasonable risks, and actively contribute to the group's goals. Duty to Codes is a continual obligation to act ethically and according to an organization's standards (Hannah et al., 2014). However, duty orientation morally obligates employees towards organizational implications (Nyborg, 2008), such as performance (Hannah et al., 2014), ethical principles (Liu et al., 2022) employee ethical voice (Gok et al., 2023), positive organizational attitude (Rice & Busby, 2023), OCB (Hannah et al., 2014).

AlKerdawy (2014) argued that a duty orientation is more likely to result in participation with extra responsibilities. This study suggests that a sense of obligation enhanced employee engagement in the firm. However, in today's dynamic and competitive work environment, companies are frequently searching for effective ways to enhance individual and firm-level performance in the modern workplace. To be able to deal with significant shifts in the working environment, employee engagement is a crucial facet. Employee engagement is an individual's involvement, satisfaction, and enthusiasm for what they do (Harter et al., 2002, p. 205). Existing literature evident that the relationship between employee engagement and company performance is demonstrated through increased productivity, sales, customer satisfaction and retention, improved safety, and customer loyalty (Hewitt Associates, 2004; Markos & Sridevi,

2010; Ellis & Sorensen, 2007). Literature also documented organization focuses on distinct drivers to make employees engaged in their job performance effective, such as employee welfare, employee growth, and interpersonal relations (Mani, 2011), employee commitment (Britt et al., 2001), leadership (Carasco-Saul et al., 2015), work-life balance (Parkes & Langford, 2008). However, the organization prioritizes strategies to enhance employee engagement to address the broader ramifications. To promote employee engagement, firms must arrange their operations meticulously, considering employees' understanding of their roles and duties, both within and beyond their formal job obligations, making them more job-oriented.

Accountability is the implicit or clear anticipation of explaining one's thoughts, emotions, and actions to others (Lerner & Tetlock, 1999). The concept refers to how others see and assess an individual's behavior, resulting in significant incentives or charges depending on these evaluations (Dulebohn et al., 1995). Research has shown that employee accountability has a positive impact on various organizational implications, such as job satisfaction ((Breux et al., 2009; Thoms et al., 2002), engagement (Cullinane et al., 2014), motivation (Lanivich et al., 2010), tension (Hochwarter et al., 2005; Laird et al., 2009), job performance (Chen et al., 2016; Frink & Ferris, 1998), organizational citizenship behavior (Hall et al., 2009), and ethical behavior (Mackey et al., 2018).

According to Jia et al. (2014), The term "developmental inducements" refers to an advantageous and encouraging method. By providing employees with developmental incentives that encourage self-development and the utilization of skills, organizations encourage their employees to engage in proactive behavior and activities that will lead to future progress. According to research conducted by De Vos et al. (2011), Sanders and De Grip (2004), Van der Heijden et al. (2009a), and Veld et al. (2015), developmental inducements are a form of incentive that encourages workers to enhance their abilities and increase their employment opportunity. According to Audenaert et al. (2020), developmental inducement helps vulnerable employees foresee and enhance their employable skills.

The Social Exchange Theory posits that individuals engage in social relationships to obtain reciprocal benefits (Emerson, 1987; Cropanzano et al., 2017; Gouldner, 1960). Concerning duty orientation and employee engagement, employees are likely to exhibit higher levels of engagement if they perceive that they are valued and supported in fulfilling their duties (Willett et al., 2023). Based on this perspective, when companies invest in their employees by providing growth prospects (Rahman & Nas, 2013) and fostering a supportive atmosphere emphasizing responsibility (Hofmann & Morgeson, 1999), employees may be more inclined to feel a significant sense of duty and become more involved.

This study has several strands of contribution to the existing literature. Firstly, this study employs social exchange theory to provide a comprehensive framework for comprehending the intricate interplay among employee accountability, development inducements, duty orientation, and employee engagement. This theoretical framework offers a broad perspective for examining the interrelated links between various components. Secondly, this study enhances the literature by emphasizing duty orientation's role in employee engagement. Previous studies have examined various factors that affect employee engagement. This research analyzes the complex interaction between employee accountability, development inducement, and duty orientation as a distinct consequence, helping to understand how employees actively engage in their work. Thirdly, the study uniquely examines how ethical leadership influences the relationship between employee accountability, development inducement, and duty orientation. This thorough investigation clarifies the impact of ethical leadership practices on the consequences of underlying factors, providing essential insights into how leadership shapes a sense of duty among employees.

LITERATURE REVIEW AND PROPOSITIONS

Previous research has evidently demonstrated ethical leadership as an antecedent of duty orientation (Hannah et al., 2014; Moss et al., 2020; DeConinck et al., 2021). The relationship between ethical leadership and duty orientation was positively significant in their study. In their study, Eva et al. (2020) examined the role of perceived organizational support as an antecedent to duty orientation, with ethical leadership as a moderator in the relationship between perceived organizational support and duty orientation. The results revealed a significant positive correlation. In the study conducted by Wei et al. (2021), duty orientation was investigated as a mechanism precursor through COVID-19 triggered death reflection on employee work behavior.

Employee accountability and duty orientation

Employee accountability is a heightened sense of conscientiousness (Bowling, 2010) and commitment towards one's given work and responsibilities (Han & Robertson, 2021). This intrinsic responsibility aligns with a strong sense of duty, where individuals are compelled to carry out their obligations with great attention to detail (Hackman, 1978). Explicit expectations typically accompany accountability on job responsibilities and performance criteria (Hart, 1968; Lucas, 1993; Harmon & Mayer, 1986). When employees comprehend these expectations, they are more inclined to improve a sense of obligation, motivated by the explicitness of their demands (Oikkonen, 2017). Moreover, diligent employees are dedicated to achieving outcomes

and fulfilling company goals (Weaver & Treviño, 1999). This dedication demonstrates a sense of responsibility as individuals endeavor to make a good contribution to the team and the organization's success (Obeidat, 2016). Therefore, we propose:

P1: Employee accountability is positively related to duty orientation.

Development inducement and duty orientation

Enabling opportunities for career advancement and growth is a powerful driver for personal and professional development (Mittendorff et al., 2008). Employees with a comprehensive understanding of their professional development prospects are more inclined to embrace a mindset centered on accomplishing their duties, driven by their aspiration for personal development (Rainey, 2013). Efforts focused on skill development foster the creation of a sense of responsibility (Berliner, 1988). Once employees engage in a career advancement program (i.e., training) linked to motivation at work (Akkermans et al., 2015), in turn, to form a sense of duty. Moreover, recognition of achievements is an impetus for personal growth (Ross & Broh, 2000) and positively influences one's sense of responsibility (Cotton, 2003). Gratitude for employees' accomplishments fosters continual achievement (Amoatema & Kyeremeh, 2016) and surpasses objectives (Nuraini, 2023), driven by a sense of obligation. Therefore, we propose:

P2: Development inducement is positively related to duty orientation.

Duty orientation and employee engagement

Duty-oriented employees are innately committed to their duties and responsibilities (Eva et al., 2020). Commitment to job obligations increased involvement as employees actively effort to perform their jobs well (Markos & Sridevi, 2010). Duty-oriented individuals are generally intrinsically motivated to excel in their careers (Liu et al., 2022). This internal motivation enhances employee engagement by fostering personal fulfillment through achieving goals and surpassing expectations (Kenneth, 2009; Rich et al., 2010). Individuals who possess a conscientious attitude tend to perform well as team contributors (Klehe & Anderson, 2007; Stewart et al., 2005; Schippers, 2014). They actively participate in the pursuit of team objectives (Conzemius & O'Neill, 2001), assist their colleagues (Paillé et al., 2016), and readily assume extra duties to ensure overall achievement (Sulea et al., 2012). The joint endeavor fosters increased engagement and commitment from the entire team (Albrecht et al., 2015). Therefore, we propose:

P3: Duty orientation is positively related to employee engagement.

Ethical leadership as moderator

Ethical leaders demonstrate ethical behavior and act as models for others to follow (Van Den Akker et al., 2009). Leaders' consistent exhibit of ethical behavior and fulfillment of duties with integrity promotes the significance of duty orientation and ethical conduct among employees (Eva et al., 2020; Hannah et al., 2014) in turn, has a favorable impact on job engagement. Ethical leaders consistently communicate and reinforce the fundamental ideas of the organization (Grojean et al., 2004). Employees who prioritize their duties and follow the company's principles look to ethical leaders for recognition (Grojean et al., 2004). This alignment fosters their commitment to the organization, resulting in a high level of engagement. Moreover, ethical leaders value justice and equality (Liu, 2017). Individuals prioritizing their commitments are more likely to participate when they feel their efforts are recognized and rewarded (Grojean et al., 2004). Ethical leadership promotes fair treatment of employees, increasing their sense of duty and participation (Blau, 1964; Engelbrecht et al., 2017). Therefore, we propose:

P4: Ethical leadership positively moderate the relationship between duty orientation and employee engagement.

THEORETICAL AND MANAGERIAL IMPLICATIONS

The study suggests that managers should communicate clear goals and performance criteria to motivate employees to take responsibility for their jobs. Integrating accountability into core values fosters a strong feeling of duty and boosts employee engagement. Organizations should prioritize development options, including training, mentorship, and projects to foster career development. Investing in employee skills improves their sense of duty and engagement. Managers should be ethical and use leadership strategies that correspond with company values. Ethical leadership mediates the favorable impacts of accountability and personal development on duty. Managers can improve their ethical leadership skills through training and mentoring.

CONCLUSION

This study, grounded on social exchange theory, comprehends relationships between employee accountability, development inducements, duty orientation, and ethical leadership to determine employee engagement. The study highlights the interconnectedness of these critical components, revealing how employees perceive and contribute to their company engagement. A sense of duty is considerably increased by ethical leadership accountability and development incentives, according to studies. Leaders who exhibit ethical behavior, build trust, and preserve

justice create an accountable workplace, improving social dynamics. Moreover, this study offers a unique perspective in a dynamic workplace where employee engagement is both a goal and a challenge. These findings should spur future research, affect organizational practices, and contribute to the discourse about creating environments where duty, development, and ethical leadership sustain employee engagement.

LIMITATIONS AND FUTURE RESEARCH

This study is conceptually demonstrated. Empirical testing utilizing well-established and distinct measurement instruments may expand the scope of the subsequent investigation. Additional research can be extended by incorporating different variables that serve as significant antecedents of duty orientation and influence crucial outcomes.

REFERENCES

- Akkermans, J. O. S., Brenninkmeijer, V., Schaufeli, W. B., & Blonk, R. W. (2015). It's all about CareerSKILLS: Effectiveness of a career development intervention for young employees. *Human Resource Management, 54*(4), 533-551.
- Albrecht, S. L., Bakker, A. B., Gruman, J. A., Macey, W. H., & Saks, A. M. (2015). Employee engagement, human resource management practices and competitive advantage: An integrated approach. *Journal of organizational effectiveness: People and performance, 2*(1), 7-35.
- Albrecht, S. L., Bakker, A. B., Gruman, J. A., Macey, W. H., & Saks, A. M. (2015). Employee engagement, human resource management practices and competitive advantage: An integrated approach. *Journal of Organizational Effectiveness: People and Performance, 2*(1), 7-35.
- AlKerdawy, M. M. A. (2014). The mediating effects of duty orientation on the relationship between perceived organizational support and organizational citizenship behavior in the public banks of Egypt. *International Journal of Business and Management, 9*(8), 155.
- Amoatema, A. S., & Kyeremeh, D. D. (2016). Making Employee Recognition a Tool for Achieving Improved Performance: Implication for Ghanaian Universities. *Journal of Education and Practice, 7*(34), 46-52.
- Audenaert, M., Van der Heijden, B., Conway, N., Crucke, S., & Decramer, A. (2020). Vulnerable workers' employability competences: the role of establishing clear expectations, developmental inducements, and social organizational goals. *Journal of Business Ethics, 166*, 627-641.
- Berliner, D. C. (1988). *The development of expertise in pedagogy*. AACTE Publications, One Dupont Circle, Suite 610, Washington, DC 20036-2412.
- Bowling, N. A. (2010). Effects of job satisfaction and conscientiousness on extra-role behaviors. *Journal of Business and Psychology, 25*, 119-130.
- Breaux, D. M., Munyon, T. P., Hochwarter, W. A., & Ferris, G. R. (2009). Politics as a moderator of the accountability—job satisfaction relationship: Evidence across three studies. *Journal of Management, 35*(2), 307-326. doi: 10.1177/0149206308318621.
- Britt, T.W., Adler, A.B. & Bartone, P.T. (2001). Deriving benefits from stressful events: the role of engagement in meaningful work and hardiness. *Journal of Occupational Health Psychology, 6*, pp 53-63.
- Carasco-Saul, M., Kim, W., & Kim, T. (2015). Leadership and employee engagement: Proposing research agendas through a review of literature. *Human Resource Development Review, 14*(1), 38-63.
- Chen, C. H. V., Yuan, M. L., Cheng, J. W., & Seifert, R. (2016). Linking transformational leadership and core self-evaluation to job performance: The mediating role of felt accountability. *The North American Journal of Economics and Finance, 35*, 234-246. doi: 10.1016/j.najef.2015.10.012.
- Conzemius, A., & O'Neill, J. (2001). Building shared responsibility for student learning. ASCD.

- Cotton, K. (2003). Principals and student achievement: What the research says.
- Cropanzano, R., Anthony, E. L., Daniels, S. R., & Hall, A. V. (2017). Social exchange theory: A critical review with theoretical remedies. *Academy of management annals*, 11(1), 479-516.
- Cullinane, S. J., Bosak, J., Flood, P. C., & Demerouti, E. (2014). Job design under lean manufacturing and the quality of working life: a job demands and resources perspective. *The International Journal of Human Resource Management*, 25(21), 2996-3015. doi: 10.1080/09585192.2014.948899.
- De Vos, A., De Hauw, S., & Van der Heijden, B. I. J. M. (2011). Competency development and career success: The mediating role of employability. *Journal of Vocational Behavior*, 79(2), 438-447.
- DeConinck, J., Carnes, D., & DeConinck, M. B. (2021). Antecedents and Outcomes of Duty Orientation Among Salespeople. *American Business Review*, 24(2), 5.
- DeConinck, J., Carnes, D., & DeConinck, M. B. (2021). Antecedents and Outcomes of Duty Orientation Among Salespeople. *American Business Review*, 24(2), 5.
- Dulebohn, H. J., Ferris, R. G., & Stood, T. J. (1995). Handbook of human resource management.
- Ellis, C.M. and Sorensen, A. (2007), "Assessing employee engagement: the key to improving productivity", Perspectives, Vol. 15 No. 1, pp. 1-9.
- Emerson, R. M. (1987). Social exchange theory.
- Engelbrecht, A. S., Heine, G., & Mahembe, B. (2017). Integrity, ethical leadership, trust and work engagement. *Leadership & Organization Development Journal*, 38(3), 368-379.
- Eva, N., Newman, A., Miao, Q., Wang, D., & Cooper, B. (2020). Antecedents of duty orientation and follower work behavior: The interactive effects of perceived organizational support and ethical leadership. *Journal of Business Ethics*, 161(3), 627-639.
- Frink, D. D., & Ferris, G. R. (1998). Accountability, impression management, and goal setting in the performance evaluation process. *Human relations*, 51(10), 1259-1283.
- Gok, K., Babalola, M. T., Lakshman, C., Sumanth, J. J., Vo, L. C., Decoster, S., ... & Coşkun, A. (2023). Enhancing employees' duty orientation and moral potency: Dual mechanisms linking ethical psychological climate to ethically focused proactive behaviors. *Journal of Organizational Behavior*, 44(1), 157-175.
- Gouldner, A. W. (1960). The norm of reciprocity: A preliminary statement. *American Sociological Review*, 25, 161-178.
- Grojean, M. W., Resick, C. J., Dickson, M. W., & Smith, D. B. (2004). Leaders, values, and organizational climate: Examining leadership strategies for establishing an organizational climate regarding ethics. *Journal of Business Ethics*, 55, 223-241.
- Hackman, J. R. (1978). The design of work in the 1980s. *Organizational Dynamics*, 7(1), 3-17.
- Hall, A. T., Zinko, R., Perryman, A. A., & Ferris, G. R. (2009). Organizational citizenship behavior and reputation: Mediators in the relationships between accountability and job performance and satisfaction. *Journal of Leadership & Organizational Studies*, 15(4), 381-392. doi: 10.1177/1548051809331504.
- Han, Y., & Robertson, P. J. (2021). Public employee accountability: An empirical examination of a nomological network. *Public Performance & Management Review*, 44(3), 494-522.
- Hannah, S. T., Jennings, P. L., Bluhm, D., Peng, A. C., & Schaubroeck, J. M. (2014). Duty orientation: Theoretical development and preliminary construct testing. *Organizational Behavior and Human Decision Processes*, 123(2), 220-238.
- Harmon, M. M. and Mayer, R. T. (1986), *Organization Theory for Public Administration* (Boston: Little, Brown)
- Hart, H. L. A. (1968), *Punishment and Responsibility* (Oxford: Oxford University Press), 186-209.
- Harter, J.K., F.L. Schmidt and T.L. Hayes, 2002. Business-unit-level relationship between employee satisfaction, employee engagement and business outcomes: A meta-analysis. *J. Applied Psychol.*, 87: 268-279.
- Hewitt Associates (2004), "Employee engagement higher at double digit growth companies", Research Brief, Hewitt Associates LLC.
- Hill, E. (2009). The Indian industrial relations system: Struggling to address the dynamics of a globalizing economy. *Journal of Industrial Relations*, 51(3), 395-410.
- Hochwarter, W. A., Perrewé, P. L., Hall, A. T., & Ferris, G. R. (2005). Negative affectivity as a moderator of the form and magnitude of the relationship between felt accountability and job tension. *Journal of Organizational Behavior*:

The International Journal of Industrial, Occupational and Organizational Psychology and Behavior, 26(5), 517-534.. doi: 10.1002/job.324.

Hofmann, D. A., & Morgeson, F. P. (1999). Safety-related behavior as a social exchange: The role of perceived organizational support and leader-member exchange. *Journal of Applied Psychology*, 84(2), 286.

Jia, L., Shaw, J., Tsui, A., & Park, T.-Y. (2014). A social-structural perspective on employee-organization relationships and team creativity. *Academy of Management Journal*, 57(3), 869–891.

Kenneth, W. T. (2009). *Intrinsic Motivation at Work: What really drives employee engagement*. San Francisco: Berrett-Koehler Publishers.

Klehe, U. C., & Anderson, N. (2007). The moderating influence of personality and culture on social loafing in typical versus maximum performance situations. *International Journal of Selection and Assessment*, 15(2), 250-262.

Laird, M. D., Perryman, A. A., Hochwarter, W. A., Ferris, G. R., & Zinko, R. (2009). The moderating effects of personal reputation on accountability-strain relationships. *Journal of Occupational Health Psychology*, 14(1), 70. doi: 10.1037/a0012567.

Lanivich, S. E., Brees, J. R., Hochwarter, W. A., & Ferris, G. R. (2010). PE Fit as moderator of the accountability-employee reactions relationships: Convergent results across two samples. *Journal of Vocational Behavior*, 77(3), 425-436. doi: 10.1016/j.jvb.2010.05.004.

Lerner, J. S., & Tetlock, P. E. (1999). Accounting for the effects of accountability. *Psychological bulletin*, 125(2), 255.

Liu, H. (2017). Reimagining ethical leadership as a relational, contextual and political practice. *Leadership*, 13(3), 343-367.

Liu, X., Wang, H., & Liu, X. (2022). Does self-sacrifice make me great? Research on the relationship between employee conscientiousness and pro-social rule breaking. *Frontiers in Psychology*, 13, 834274.

Lucas, J. R. (1993), *Responsibility* (Oxford: Clarendon Press).

Luthans, F., & Peterson, S.J. (2002). Employee engagement and manager self-efficacy. *Journal of Management Development*, 21(5), 376–387.

Mackey, J. D., Brees, J. R., McAllister, C. P., Zorn, M. L., Martinko, M. J., & Harvey, P. (2018). Victim and culprit? The effects of entitlement and felt accountability on perceptions of abusive supervision and perpetration of workplace bullying. *Journal of Business Ethics*, 153, 659-673. doi: 10.1007/s10551-016-3348-7.

Mani, V. (2011). Analysis of Employee Engagement and its predictors. *International Journal of Human Resource Studies*. Vol.1. No.2

Markos, S. and Sridevi, M.S. (2010), "Employee engagement: the key to improving performance", *International Journal of Business and Management*, Vol. 5 No. 12, pp. 89-96.

Mittendorff, K., Jochems, W., Meijers, F., & den Brok, P. (2008). Differences and similarities in the use of the portfolio and personal development plan for career guidance in various vocational schools in The Netherlands. *Journal of Vocational Education and Training*, 60(1), 75-91.

Moss, S. E., Song, M., Hannah, S. T., Wang, Z., & Sumanth, J. J. (2020). The duty to improve oneself: How duty orientation mediates the relationship between ethical leadership and followers' feedback-seeking-avoiding behavior. *Journal of Business Ethics*, 165(4), 615-631.

Msuya, M. S., & Kumar, A. B. (2022). The role of supervisor work-life support on the correlation between work autonomy, workload and performance: perspective from Tanzania banking employees. *Future Business Journal*, 8(1), 26.

Nuraini, B. (2023). *Employee Performance Optimization: The Synergy of Leadership and Compensation*. Asadel Publisher.

Nyborg, K. (2008). I don't want to hear about it: rational ignorance among duty-oriented consumers. *University of Oslo, Department of Economics Memorandum*, (15).

Obeidat, B. Y. (2016). Exploring the relationship between corporate social responsibility, employee engagement, and organizational performance: The case of Jordanian mobile telecommunication companies. *International Journal of Communications, Network and System Sciences*, 9(09), 361.

Olkkonen, L. (2017). A conceptual foundation for expectations of corporate responsibility. *Corporate Communications: An International Journal*, 22(1), 19-35.

- Paillé, P., Mejía-Morelos, J. H., Marché-Paillé, A., Chen, C. C., & Chen, Y. (2016). Corporate greening, exchange process among co-workers, and ethics of care: An empirical study on the determinants of pro-environmental behaviors at coworkers-level. *Journal of Business Ethics*, 136, 655-673.
- Parkes, L. P., & Langford, P. H. (2008). Work-life balance or work-life alignment? A test of the importance of work-life balance for employee engagement and intention to stay in organisations. *Journal of management & organization*, 14(3), 267-284.
- Rahman, W., & Nas, Z. (2013). Employee development and turnover intention: theory validation. *European journal of training and development*, 37(6), 564-579.
- Rainey, D. L. (2013). *The Pursuit of Sustainable Leadership: Becoming a Successful Strategic Leader through Principles, Perspectives and Professional Development*. IAP.
- Rice, D. B., & Busby, A. D. (2023). How and when supervisors' challenge appraisals impact employee bottom-line mentality? The roles of supervisor duty orientation and employee positive affectivity. *Current Psychology*, 42(18), 15248-15260.
- Rich, B. L., Lepine, J. A., & Crawford, E. R. (2010). Job engagement: Antecedents and effects on job performance. *Academy of management journal*, 53(3), 617-635.
- Ross, C. E., & Broh, B. A. (2000). The roles of self-esteem and the sense of personal control in the academic achievement process. *Sociology of education*, 270-284.
- Sanders, J., & De Grip, A. (2004). Training, task flexibility and the employability of low-skilled workers. *International Journal of Manpower*, 25(1), 73-89.
- Schippers, M. C. (2014). Social loafing tendencies and team performance: The compensating effect of agreeableness and conscientiousness. *Academy of Management Learning & Education*, 13(1), 62-81.
- Shuck, B., & Wollard, K. (2010). Employee engagement and HRD: A seminal review of the foundations. *Human Resource Development Review*, 9(1), 89-110
- Stewart, G. L., Fulmer, I. S., & Barrick, M. R. (2005). An exploration of member roles as a multilevel linking mechanism for individual traits and team outcomes. *Personnel Psychology*, 58(2), 343-365.
- Sulea, C., Virga, D., Maricutoiu, L. P., Schaufeli, W., Zaborila Dumitru, C., & Sava, F. A. (2012). Work engagement as mediator between job characteristics and positive and negative extra-role behaviors. *Career Development International*, 17(3), 188-207.
- Thoms, P., Dose, J. J., & Scott, K. S. (2002). Relationships between accountability, job satisfaction, and trust. *Human Resource Development Quarterly*, 13(3), 307-323. doi: 10.1002/hrdq.1033.
- Van Den Akker, L., Heres, L., Lasthuizen, K. M., & Six, F. E. (2009). Ethical leadership and trust: It's all about meeting expectations. *International Journal of Leadership Studies*, 5(2), 102-122.
- Van der Heijden, B. I. J. M., Boon, J., Van der Klink, M., & Meijs, E. (2009a). Employability enhancement through formal and informal learning: An empirical study among Dutch non-academic university staff members. *International Journal of Training and Development*, 13(1), 19-37.
- Vance, R.J. (2006). *Employee engagement and commitment: A guide to understanding, measuring, and increasing engagement in your organization*. Alexandria, VA: The SHRM Foundation.
- Veld, M., Semeijn, J., & Van Vuuren, T. (2015). Enhancing perceived employability: An interactionist perspective on responsibilities of organizations and employees. *Personnel Review*, 44(6), 866-882.
- Wagner, R., & Harter, J.K. (2006). *12: The elements of great managing*. New York: Gallup Press
- Weaver, G. R., & Treviño, L. K. (1999). Compliance and values oriented ethics programs: Influences on employees' attitudes and behavior. *Business Ethics Quarterly*, 9(2), 315-335.
- Wei, S., He, Y., Zhou, W., Popp, J., & Oláh, J. (2021). Death reflection and employee work behavior in the COVID-19 new normal time: The role of duty orientation and work orientation. *Sustainability*, 13(20), 11174.
- Willett, J. F., LaGree, D., Shin, H., Houston, J. B., & Duffy, M. (2023). The role of leader communication in fostering respectful workplace culture and increasing employee engagement and well-being. *International Journal of Business Communication*, 23294884231195614.