

Magnitude of Role-Breadth Self-Efficacy in Teacher Proactive Work Behaviour

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Abstract

Proactive behaviour at work (PWB) is aimed at bringing about change within the organization, such as by improving work methods, voicing ideas or concerns, and taking action to prevent problems from reoccurring (Strauss & Parker, 2014). PWB can add to organizational effectiveness (Axtell et al., 2000; Griffin et al., 2007; Rank, Pace, & Frese, 2004) and is especially important in school setting when teachers come into contact with students proactively and make them understand what is being taught clearly (Devonport, Biscomb, & Lane, 2010; Sheard & Carbone, 2008). Proactive behaviour in daily work is the quality that teachers must possess in order to make the education system more successful. Strauss (2015) highlighted that, in 21st century teaching and learning practices that emphasis flexibility, innovation and adaptation to changes. School organizations are rapidly looking for competencies and behaviours in teachers who can facilitate and adapt to new educational challenges. Teacher role-breadth self-efficacy (RBSE) is specifically important to meet the current demand in education and help teachers to prepare for future challenges. RBSE is more substantial in academic world today as teachers are expected to take a proactive role to the extent to feel confident and able to carry out broader role that is beyond the traditionally described self-efficacy (Parker, 1998)

Keywords: Proactive Work Behaviour, Proactive Teacher, Role-Breadth Self-Efficacy, Self-efficacy, School Effectiveness

Introduction

As organizations grow increasingly complex and unpredictable, the topic of proactivity at work has become a great importance for contemporary workplaces (Parker & Bindl, 2017). In school settings, to meet the current demand, teachers need to committedly engage in their work by taking leadership in improving situations and overcoming challenges rather than passively adapting to existing condition. Pei Ling (2016) stressed teachers today, are constantly facing challenges in their job as a result of the changes in the education system in which they have to adapt. Under these conditions, the schools are becoming more dependent on teachers to contribute to school effectiveness regardless of formal job requirements (DiPaola and Hoy, 2005). The behavior that teachers do that go beyond the assigned task and change oriented, is proactive behavior at work (Cerit, 2017).

The importance of PWB must be brought to the knowledge of every teacher to improve the quality and the performance of schools. PWB is one of the specific behaviours that is needed to improve current circumstances. It involves challenging the status quo rather than passively adapting to present conditions (Crant, 2000; Bindle & Parker, 2012; Grant & Asford, 2008). This behaviour is self-starting, driven by problems or opportunities and aim at improving the overall work condition (Fay and Sonnentag, 2012). But the question arises as how to encourage and develop PWB among teachers. Past studies focused more on promoting either task performance or contextual performance and organizational citizenship behaviour (Axtell & Parker, 2003) Contextual performance and organizational citizenship behavior (OCB) provide dimensions considered quite passive or reactive in their orientation, such as compliance with organizational procedures (George & Brief, 1992; Speier and Frese, 1997). Much less research has focused on how to promote workplace proactivity, such as what motivational or cognitive processes underpin this change

Past studies have reported several individual factors that influence teachers' PWB. Among the most significant individual factor is RBSE that have shown to have a positive influence on PWB. It is a strong predictor of PWB such as individuals managing their immediate work environment, make suggestions for how the team might work with people, come up with new procedures for their job, or they take charge to bring about change in their work (Axtell, Holman, Unsworth, Wall, Waterson & Harrington, 2000). Additionally, RBSE is an important predictor of employees' innovation (Axtell et al., 2000; Siegel and Renko, 2012) and proactive performance (Griffin, Parker & Neal, 2002). Various studies indicated that self-efficacy is an important predictor of proactive behaviours: personal leadership and taking charge (Morrison & Phelps, 1999). It is timely to look at the significance of RBSE which focuses on the confidence level of carrying a broader and more proactive role specifically in teaching profession.

Proactive Work Behaviour Outlook

Proactive behaviour at work is among the three higher order categories of proactive behaviour that is referred to as proactive work behaviour (PWB) by Parker and Collins (2010). PWB is aimed at bringing about change within the organization, such as by improving work methods, voicing ideas or concerns, and taking action to prevent problems from reoccurring (Strauss & Parker, 2014). PWB has been proposed as active behavior that is initiated by the

individual, focused on bringing positive change in themselves or their environment, and future focused (Grant & Ashford, 2008; Parker, Bindle, & Strauss, 2010).

PWB is defined as taking charge, voice, individual innovation, and problem prevention which are proactive behaviours that focuses on taking control, and bringing about change within, internal organisational environment such as by improving work methods or influencing work colleagues. Morrison and Phelps (1999) indicated that taking charge concerns constructive efforts by employees to effect organizationally functional change with respect to how work is executed. It is illustrated by the behaviour of “trying to bring about improved procedures in your workplace.” Similarly, voice is concerned with speaking out about issues that affect one’s work group as well as seeking information about such issues (Dyne & LePine, 1998). As for taking charge, it is the intended target of the impact of voice. Individual innovation (Scott & Bruce, 1994) is said to be distinct from both taking charge and voice because of its emphasis on novelty, but in common with these behaviours the aim of influencing one’s internal work environment. Lastly, problem prevention focuses on dealing with the reoccurrence of challenges and barriers in the work environment. It is self-directed and anticipatory action to prevent the reoccurrence of work problems (Frese & Fay, 2001)

Role-breadth Self-efficacy Outlook

Bandura (1997) describes self-efficacy as beliefs in one’s capabilities to organize and execute the course of action required to produce given attainments. Later Parker (1998) described RBSE as “the employees’ perceived capability of carrying out a larger set of work tasks”. When task related self-efficacy is high the likelihood of completing a task will be higher because it increases the drive to complete and succeed (Axtell & Parker, 2003). RBSE refers to ‘the extent to which people feel confident that they can carry out a broader and more proactive role, beyond traditional prescribed technical requirements’ (Parker, 1998). The concept has a broader focus than other forms of self-efficacy that are typically concerned with a specific task or activity. An employee with RBSE tends to focus on a variety of proactive, integrative, and interpersonal relational activities that make up an expanded role such as addressing long-term problems, implementing improved procedures, and contacting customers and suppliers. It varies from the idea of such as contextual performance, OCB, and prosocial behavior towards organization (Borman & Motowilodo, 1993; Mcneely & Meglino, 1994; Organ, 1988). RBSE is more concerned with a person’s perceived capability to perform these tasks and behaviors.

Unlike proactive personality, which is a relatively stable personal disposition, RBSE is expected to change as environmental conditions and employees’ organizational experiences change. It has been noted that to handle environmental dynamism, organizations need skilled employees who are both able and willing to take on a broader role. RBSE is a different construct which focuses on what people do or behave, but rather on what they feel they can do. It clearly focuses on task that requires employees to be proactive whereas for concepts such as organizational citizenship behaviour that includes dimensions like being more passive in orientation such as complying with the procedures, punctuality and attendance (George & Brief, 1992). The concept of RBSE is also distinct from self-esteem, whereby it is well thought as a global trait reflecting an individual's characteristic and affective evaluation of the self. Brockner (1988) stressed that self-efficacy, conversely, is a judgment about specific task capability. Self-efficacy (and hence RBSE) is a dynamic construct that changes over time, unlike self-esteem which is seen as a stable trait (Brockner, 1988; Wood & Bandura, 1989).

Together with recent growth citizenship behavior research and proactive expanded roles, this literature is likely to be an important explanatory construct for teacher proactive work behavior in school organizations. In this article, we focus on how RBSE affects the PWB of teachers.

The Influence of Role-breadth Self-efficacy on Proactive Work Behavior

RBSE is a significant predictor of PWB. By raising one's confidence and feeling of control the person will choose more difficult goals because the perceived likelihood of success is greater (Parker & Collins, 2008). Their confidence is high enough to proactively challenge the status quo and trying to improve current circumstances. They move away from their comfort zone and being persistent in overcoming difficulties in order to reach their goal and thus show a more proactive role (Frese & Fay, 2001).

Organizations increasingly demand for capable employees who can take on broader and more proactive work roles (Bateman & Crant, 1993; Dean & Snell, 1991). RBSE has been found to be an important predictor of employee innovation (Axtell et al., 2000). Griffin et al. (2002) found that RBSE was the strongest predictor of proactive performance relative to other predictors, and that other types of performance (task and adaptive performance) were influenced more by other antecedents. Studies have also shown that self-efficacy is an important determinant of two dimensions of proactive behaviour: personal initiative (Fay & Frese, 2001; Frese et al., 1996; Speier & Frese, 1997) and taking charge (Morrison & Phelps, 1999). RBSE is expected to change as environmental conditions and employees' organizational experiences change. While PWB requires both risk taking and effort, individuals' RBSE is particularly important for these behaviours (Parker, 1998, 2000).

RBSE, or one's judgement about one's capability to perform particular tasks, is a critical work motivation variable (Gist & Mitchell, 1992). Individuals who feel capable of performing particular tasks tend to carry them out more effectively (Barling & Beattie, 1983), persist at them (Lent, Brown, & Larkin, 1987), cope more effectively with change (Hill, Smith, & Mann, 1997), choose more difficult goals (Locke & Latham, 1990), and adopt more efficient task strategies (Wood, George-Falvy, & Debowksi, 2001). Because it raises one's feelings of control and the perceived likelihood of success, self-efficacy is seen as crucial for PWB like initiative (Speier & Frese, 1997) and taking charge (Morrison & Phelps, 1999) as well as for related behaviours such as voice (Whitney & Cooper, 1989).

RBSE is shown to be associated with outcomes such as proactive work performance (e.g., Griffin et al., in press) and making improvements and suggestions (Axtell et al., 2000). Researchers have adopted a number of different approaches toward identifying the antecedents and consequences of PWB, and they have examined them in a number of separate literatures. It is shown to have a significant relationship with PWB (Belschak & Den Hartog, 2010; Den Hartog & Belschak, 2012; Strauss, Griffin, & Allannah, 2009; Parker, Turner, & William, 2006). For constant changing world and organizational success, organizations are increasingly demand for employees who can take on broader and more proactive work roles (Bateman & Crant, 1993; Dean & Snell, 1991).

Theoretical Underpinning

Drawing mainly on Self Determination Theory (SDT) (Deci & Ryan, 1985), and the Motivation Model of Individual Level of Proactive Work Behavior (PWB) proposed by Parker, Bindle and Strauss (2010), this literature outlines and develops the current conceptualizations of how RBSE influence PWB. Central to SDT is the distinction between autonomous motivation and controlled motivation (Deci, Olafsen & Ryan, 2017). Autonomy involves acting with a sense of volition and having the experience of choice. Intrinsic motivation is an example of autonomous motivation. When people engage in an activity because they find it interesting, they are doing the activity wholly volitionally (e.g., I work because it is fun). In contrast, being controlled involves acting with a sense of pressure, a sense of having to engage in the actions. SDT postulates that autonomous and controlled motivations differ in terms of both their underlying regulatory processes and their accompanying experiences, and it further suggests that behaviors can be characterized in terms of the degree to which they are autonomous versus controlled. Autonomous motivation and controlled motivation are both intentional, and together they stand in contrast to amotivation, which involves a lack of intention and motivation. Motivation is the driving force that causes someone to make decisions and those decisions are influenced intrinsically and extrinsically by social context when an individual is exposed to society (Richard & Schmidt, 2002). Bartol and Martin (1998) consider motivation as a powerful tool that reinforces behavior and triggers the tendency to continue. In other words, motivation is an internal drive to satisfy an unsatisfied need and to achieve a certain goal. It is also a procedure that begins through a physiological or psychological need that stimulates a performance set by an objective.

Grounded on Self-determination Theory, Parker, Bindle, & Strauss (2010) emanated Motivation Model of PWB that clarifies how RBSE an individual factor variable has effect on employees' PWB that is influence by proactive motivational states and goal process. They identified three different proximal motivational states through which PWB is influenced. They include 'can do' motivation, where employees believe that they can significantly influence outcomes (Frese & Fay, 2001) and their success is pinned on their PWB (Parker, 2000); and the 'reason to' motivation, where employees have a convincing reason to engage in a PWB (Vroom, 1964); and the 'energized to' motivation, where employees feel energized through the experience of the effect of high-activation (Strauss & Parker, 2014).

It has been proposed by Parker et al., (2010) that proactive goal generation and striving will depend on whether individuals feel capable of being proactive (a 'can do' pathway), whether they have some sense that they want to bring about different future (a 'reason to' pathway), and whether they have some positive affect to foster their proactive actions (an 'energized to' pathway). These three motivational mechanisms are consistent with the motivational system theory (Ford, 1992) by mapping on the three forces in an individual's motivation system: personal agency belief, intrinsic motivation, and emotional force. SDT promotes the understanding of the abovementioned state, thus offering significant insights into how PWB can be motivated.

A critical part of the 'can do' motivation state is the belief in one-self can be proactive, represented by self-efficacy perceptions. Being proactive is potentially uncertain and risky, therefore individuals need to have the self-confidence to initiate proactive goals and deal with negative consequences induced by such proactive behavior. Indeed, many studies supported that self-efficacy later RSBE which addresses one's perceived capability of carrying out a

broader and more proactive role beyond technical requirements (Parker, 1998) appears to be particularly important for proactivity. In addition, 'can do' motivation also includes the belief that one can control the situation and will produce desired outcomes, as well as perceptions about the negative aspects of engaging in a task, such as fear of failures and worry about lacking the required resources. 'Reason to' motivation state is when people feel confident about their ability to generate and implement something new (having 'can do' motivation), yet there is no compelling reason for them to do so (lacking 'reason to' motivation), it is unlikely they will engage in PWB. Unlike prescribed tasks where a reason is already given as part of one's job, proactive activities are self-initiated and thus the reason to engage in these activities cannot be assumed. Considering also the risk and uncertainty associated with proactivity, there needs to be strong rationale that drives an individual to make new things happen. The third motivational state 'energized to' for proactive behavior is affect-related. How people feel can provide an 'energizing' fuel that motivates individuals to engage in proactive behavior. Compared to the other two 'cold' motivations that are cognitively bound, the emotion-laden motivation is more of a 'hot' psychological force for proactivity. Individuals' core affects are usually considered to be represented by an integral blend of two primary dimensions: pleasure whether an affect is positive/pleasant or negative/unpleasant in its affective valence and arousal. Whether an affect is highly activated or lowly activated (Russell, 2003) in its arousal. Under the influence of positive affect people are more likely to reach out and set proactive goals, as well as remain open minded and flexible when pursuing their proactive goals.

In regard to, 'can do' 'reason to' and 'energized to' states motivate the setting of proactive goals and/or striving to achieve these goals. Both 'can do' and 'reason to' states need to align with the particular target. Although identified motivation is apparent, an individual might proactively aim to improve the way his or her team works because working in positive atmosphere is very important, whereas another individual might negotiate new projects opportunities because getting ahead in his or her career is very important. It has been suggested that the reasons for proactivity extend beyond the pure involvement. An individual might introduce a new work method because he or she enjoys his or her work so immensely (intrinsic motivation) and his or her job is so central to him or her that improving its effectiveness is part of "who he or she is" (integrated motivation). Parker et al., (2010) suggested that activated positive affect stimulates the pursuit of proactive goals regardless of the envisioned future state or locus of change. The 'can do' 'reason to' and 'energized to' are three important motivational states in which influences individual PWB (Parker et al., 2010).

According to Parker, Bindle, and Strauss (2010) intrinsic motivation stipulates different types of autonomous motivation that drives an individual goal process. Individuals are more likely to strive for more proactive goals if they find their tasks intrinsically interesting and generally enjoyable. Past researchers proposed that autonomously regulated motivation increases the likelihood that proactivity results in positive change for both individuals and organizations. Autonomously regulated proactivity involves a more complete goal regulation process and a greater sense of ownership and involvement of the self, thus making it more likely for proactive goals to be achieved.

The concept of proactivity at work most strongly expresses this view of organizations as environments of and for human agency. Proactivity involves challenging the current situation

and working towards what 'could be'. Specifically, being proactive reflects self-starting and future-focused action that aims to bring about change, either in the self or in one's work environment (Parker et al., 2010). This conceptualization of behavior in organizations emphasizes intentionality and forethought, and acknowledges that individuals are not always merely motivated by tangible reward contingencies. Proactivity makes room for individual goals that are not tied to external rewards but are pursued because they are interesting, highly valued, or reflect authentic interests. Correspondingly, proactive individuals experience a greater sense of self-determination in their lives (Greguras & Diefendorff, 2010; Seibert, Crant, & Kraimer, 1999).

In this study RBSE, from SDT perspective is an optimal challenge which are concerned with competence that contributes to intrinsic motivation. RBSE is about the feeling of confident that they can carry out a broader and more proactive role, beyond traditional prescribed technical requirements' (Parker, 1998). Individual belief is autonomous and self-determination is intrinsic, self-sustaining form of motivation that is influenced by internal stimuli (Deci & Ryan, 1985; Ryan & Deci, 2000). Guided exclusively by inner drives, self-determined individuals seek to satisfy three primary needs in order to optimize their goal potentials: competence, autonomy, and psychological relatedness (Deci & Ryan, 1985). According to Deci and Vansteenkiste (2004), self-determined individuals internalize their ability to control behavior and satisfy mastery needs (i.e., competence), perceive themselves as causal agents of their destinies (i.e., autonomy), and are inclined toward assimilation with others (i.e., relatedness). More specifically, in order for one to be intrinsically motivated to engage in an activity one needs to feel competent (e.g., the activity offers optimal challenges and relevant feedback) to carry out the activity and feel that the reason they engaged in the activity was not because of external pressure or control Deci & Ryan (1985). Past studies have shown (Fisher, 1978; Ryan, 1982), that feelings of competence will not enhance intrinsic motivation unless accompanied by a sense of autonomy (deCharms, 1968). Thus, people must not only experience competence or efficacy, they must also experience their behaviour as self-determined for intrinsic motivation to be in evidence. This requires either immediate contextual supports for autonomy and competence or abiding inner resources (Reeve, 1996) that are typically the result of prior developmental supports for perceived autonomy and competence. RBSE is the concept of intrinsic motivation, that is the central concept for behavioural change which is "based on the satisfactions of behaving 'for its own sake' (Ryan & Deci, 2017).

Proactive Work Behaviour for Effective School

In ensuring school effectiveness, proactive teachers are the vital workforce in achieving the educational policy that aims in enhancing the quality of education and developing nation's human capital. PWB is more important today than ever for both individual and organizational success. RBSE differs from common conceptualizations of self-efficacy that make up an expanded role will vary across jobs and companies. One key requirement in all organizations is for employees to be proactive and use their initiative (Buchanan & McCalman, 1989; Frese et al., 1996). Consistent with Bandura's (1982, 1986) conceptualization, the emphasis of RBSE is on people's perception that they are able to carry out these types of tasks, rather than whether they are allowed to, or do, or perform them. Bandura (1997) reported that individuals with a high level of RBSE coped well with difficulties, set hard-to-reach goals for themselves, and put great energy into reaching these goals.

Traditionally, teacher self-efficacy is found in many literatures that gives a wide coverage to the concept of teachers' self-efficacy as teachers have many different responsibilities, and the expectations and beliefs of teachers regarding themselves and their students are considered important. Teacher self-efficacy is an important construct as it has a significant impact on student learning capacity, increases the students' expectations of their teachers, and has a leading role in improving the academic achievement of school as a whole (Bandura, 1995) but the later RBSE is more significant in academic world today as teachers are expected to take a broader role to the extent to feel confident and able to carry out broader and more proactive role that is beyond the traditionally described self-efficacy (Parker, 1998)

In this regard, it is important for school organizations to encourage teachers to have high RBSE and take individual responsibility and make problem-solving easier (Sinden et al., 2004). Hoy and Sweetland (2001) stated that in schools with teachers who have higher RBSE levels are regarded as professionals and are given the autonomy to fulfil their tasks effectively. Teachers with a higher RBSE may have more positive perceptions regarding the use of their knowledge, skills, and specialties to increase student achievement, take responsibility for their students' success and believe the reasons for failure are related to problems in their own teaching-learning activities. Past studies support that teacher self-efficacy later RBSE (Parker, 1998) is an important variable in teacher effectiveness that is consistently related to teacher behaviours and student outcomes (Bray & Bates, 2003).

Discussion

In the 21st century teaching and learning, teachers need this behaviour to lead instead of trailing behind, actively seek new ways of doing things and staying in. Despite the importance for teachers to engage in PWB, not many teachers are aware of the significance to have PWB (Ghitulescu, 2013). This review supports the idea that RBSE is important for teacher's PWB which is the future demand in effective school organizations. The literature suggests school leaders to take actions to promote and enhance teacher's RBSE that eventually lead to teacher PWB which is desired by most organizations. This is supported by Axtell et al., (2003) findings that managers can take actions to enhance employees' level of self-efficacy and thereby develop their potential that will ultimately enhance proactivity.

Secondly, this discussion will have some implications on teachers and principals especially influence the school practice by looking into ways to increase teachers' PWB. The review will help organizations especially school in the role of training the teachers. Parker (1998) in her studies found that training was not an important determinant of RBSE, but Axtell et al., (2003) in her studies found that incorporation of a broad range of training had significant impact on increased RBSE. This review suggest that school leaders can incorporate intervention or training programs to enhance teacher RBSE that can lead to a more proactive teacher behaviour. This review suggests that, if school organizations want to enhance PWB of their teachers, it is recommended to equip them with necessary skills to confidently carry out a range of interpersonal and proactive task. Supported by Axtell et al., (2003), training involving interpersonal skills such as team building or technical mastery which requires employees to be competent and take precautions before problems arise in the workplace is a tool for enhancing employees RBSE.

Another important issue to ponder is, to determine the type of training that is suitable to enhance RBSE. Either voluntary or compulsory training which is important to be distinguished. Leaders need to look at whether the training is self-initiated or leader directed. Consistent with self-determination theory and past studies, self-initiated trainings could enhance RBSE more than compulsive training as employees tend to feel more motivated in former case. Future studies are suggested to focus on these possibilities to enhance teachers RBSE for a more proactive work behaviour employee. As PWB is beneficial to both school organizations and teachers, school principals may want to encourage their teachers to be proactive.

Generally, exploring the concept of RBSE can add valuable literature on proactive work behaviour of teachers within the school context and significantly help to enrich the professional lives of teachers in school by serving as a knowledge resource and realize the importance of being proactive. This review reinforces existing theories by providing in-depth information on the observed relationship between RBSE and PWB. Grounded on Self-determination Theory (Deci & Ryan, 1985) and its Motivation Model for Workplace (Deci, Olafsen & Ryan, 2017) and Motivation Model of Proactive Work Behavior by (Parker, Bindle, & Strauss, 2010) this review suggest RBSE have effect on teachers' Proactive Work Behavior (PWB) that is influenced by proactive motivational states and goal process. It is a significant contribution to existing literature by placing RBSE as a way through to teacher PWB in school organizations. RBSE influences teacher PWB is explained within SDT as the central concept for behavioral change (Deci & Ryan, 2017) and further strengthen the Motivation Model for workplace developed by (Deci, Olafsen & Ryan, 2017) and Motivation Model of Proactive Work Behavior developed by Parker, Bindl, and Strauss (2010). Contextually the review suggests that one way of promoting PWB among teachers is to develop teacher self-efficacy to a broader perspective RBSE. It has become very important to understand what influences teacher's RBSE to cope with more challenging task related to their professional work (Caprara et al., 2006; Tschannen-Moran and Hoy, 2007). For that reason, teacher's personal values maybe something of great importance to explore in school context. Teachers self-determination may activate teacher's personal values and related behaviors, thus strengthening their RBSE.

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