

Asongu, Simplice; Rahman, Mushfiqur

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## A review of Covid-19 and employment implications: Evidence from human resource management

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# A G D I Working Paper

WP/22/058

## **A Review of Covid-19 and Employment Implications: Evidence from Human Resource Management**

**Simplice A. Asongu**

African Governance and Development Institute,

P.O. Box 8413, Yaoundé, Cameroon

E-mails: [asongusimplice@yahoo.com](mailto:asongusimplice@yahoo.com) /  
[asongus@afridev.org](mailto:asongus@afridev.org)

**Mushfiqur Rahman**

School of Business, University of Wales Trinity Saint David,

Winchester House, 11 Cranmer Road,  
London, UK, SW9 6EJ.

E-mail: [m.rahman@uwtsd.ac.uk](mailto:m.rahman@uwtsd.ac.uk)

Research Department

## **A Review of Covid-19 and Employment Implications: Evidence from Human Resource Management**

**Simplice A. Asongu & Mushfiqur Rahman**

### **Abstract**

The study complements the extant literature by using a process tracing technique to assess how theoretical and textual insights into employee adjustments and wellbeing in the period of the Covid-19 pandemic withstand analytical scrutiny within the frameworks human resource management (HRM) and more contemporary literature. The Covid-19 pandemic poses a challenge to, as well as an opportunity for organizations to find novel solutions to the concerns resulting from the management of their human resources. This study provides contemporary evidence on several suggested frameworks for future research by Carnevale and Hatak (2020, JBR). The perspectives are discussed in terms HRM opportunities and challenges in the light of erosion of fit, constraining work-family impacts and disproportionate effects on alternative structures of the family on the one hand and on the other, on insights into entrepreneurship.

*Keywords:* Human resource management; Wellbeing; Employment implications; Covid-19

*JEL Codes:* G28; D60; D80; J21; J23; J24

## **1. Introduction**

The purpose of this study is to assess how the future research directions suggested by Carnevale and Hatak (2020) withstand analytical scrutiny when observed from the prism of contemporary Covid-19 oriented literature. Accordingly, while the future directions suggested by Carnevale and Hatak (2020) are based on theoretical and practical insights into human resource management (HRM), it is relevant to inform scholars and policy makers with an assessment of how the underlying insights withstand analytical consistency when scrutinized with the attendant contemporary literature specific to the Covid-19 pandemic. In motivating the positioning of this study, we argue that scholarship on research directions pertaining to the Covid-19 pandemic is incomplete unless other scholars complement the corresponding literature with an engagement of the suggested future research directions. Hence, in so doing, the study is giving practical relevance to the implications of Carnevale and Hatak (2020) in the Covid-19 literature related to HRM, not least, because to the best of our knowledge, hitherto, the extant literature has not focused on the same problem statement.

In the light of the above, the focus of this study departs from contemporary HRM related studies pertaining to the Covid-19 pandemic which have largely been concerned with, *inter alia*, assessing: the effect of Covid-19 on the practice of reconstructive and hand microsurgery (or HRM) in a medical institution (Hwee, Chiew & Sechachalam, 2020); prospects for non-profit HRM in the light of Covid-19 (Akingbola, 2020); the need to avoid HRM generalizations during the crisis (Aitken-Fox et al., 2020) and hospital-level responses in HRM owing to the pandemic (Eghbali, Negarandeh & Froutan, 2020). This study extends the extant literature in view of complementing Carnevale and Hatak (2020).

The above complementarity consists of substantiating the structure of Carnevale and Hatak (2020) with the attendant contemporary literature on the Covid-19 pandemic. The rest of the study is structured as follows. The context and agenda are discussed in Section 2 with some emphasis on the adopted methodology. Section 3 provides evidence to the HRM opportunities and challenges in the light erosion of fit, constraining work-family impacts and disproportionate effects on alternative structures of the family. Insights into entrepreneurship are disclosed in Section 4 before Section 5 concludes with future research directions.

## **2. Context and analytical agenda**

The current Covid-19 pandemic has had far and wide-reaching consequences that are not exclusively socio-economic (Diop & Asongu, 2020; Farayabi & Asongu, 2020), but border on many fields such as HRM (Carnevale & Hatak, 2020). According to the narrative, even before

the advent of Covid-19, companies had been increasingly confronted with unforeseen events (e.g. climate change, political instability, civil wars, financial crises and economic meltdowns) to which, they have to adapt their management styles beyond the scope of national, regional and continental borders (Ferraro, Etzion, & Gehman, 2015; George, Howard-Grenville, Joshi, & Tihanyi, 2016; Eisenhardt, Graebner, & Sonenshein, 2016). Such major challenges, *inter alia*, represent restructuring issues for all companies affected. However, while concerns surrounding political strife, socio-economic collapse and climate change have been on the horizon, the Covid-19 pandemic represents a hitherto unprecedented concern of which, corresponding externalities are exacerbated by the degree of interconnectedness of world in the era of globalization as well as substantial reliance on information and communication technologies (ICTs) as means of fuelling the underlying globalization (Ting, Carine, Dzau, & Wong, 2020; Wang, Ng & Brook, 2020).

In the light of the above, the Covid-19 pandemic represents an unprecedented challenge to HRM because managers are currently trying to tailor their workforce so that it copes with and adapts to the corresponding new challenges such as, adjustments of work-life balance and adaptations to virtual work environments. Accordingly, alternative virtual spaces of work are now fast replacing traditional/physical workspaces such as libraries, restaurants, and offices at jobsites. The Covid-19 crisis has therefore created more private workspaces, leading to more concerns in “unplugging” associated with demands of work (Chawla, MacGowan, Gabriel, & Podsakoff, 2020).

Working from home as a result of schools’ closure, compounded by suspended services of childcare, have increased strains on parental care, blurred private life and work life as well as made the distinctions between family and work spheres less apparent (Carnevale & Hatak, 2020; Kramer & Kramer, 2020). It is worthwhile to also note that the externalities are not exclusively unfavorable for families with children, but also extend to childless homes, single parents and the aged who are also affected by the changing conditions of work (Brooks & Jackson, 2020; Matias, Dominski & Marks, 2020).

In spite of the above negative externalities, the advent of the Covid-19 pandemic also represents an opportunity for scholarly research in the management field to provide both scholars, and policy makers with critical perspectives upon which, management practitioners can leverage to address this unprecedented challenge in contemporary history. Hence, both the opportunities and challenges pertaining to Covid-19 in the light of the practice of HRM are critically engaged and substantiated with the attendant contemporary Covid-19 specific studies. The corresponding select topics are consistent with Carnevale and Hatak (2020),

especially as it pertains to well-being as well as employees' efforts to adjust in the light of changing working environments.

The adopted analytical approach is process tracing given that it is both consistent with the objective of the study and contemporary literature on the consequences of the Covid-19 pandemic. In essence, process tracing is a fundamental analytical instrument in qualitative research (Beach, 2017) given that, this study traces the select topics documented in Carnevale and Hatak (2020) and substantiates the evidence with contemporary studies in the Covid-19 literature. Hence, secondary data is largely used from *inter alia*, official sites, books and articles. The adopted analytical approach of using process tracing in substantiating the future research directions of Carnevale and Hatak (2020) with contemporary literature on Covid-19, is consistent with a strand of recent Covid-19 studies (Asongu, Usman & Vo, 2020; Ngamije & Yadufashije, 2020).

### **3. HRM challenges and opportunities in the era of Covid-19**

#### **3.1. The erosion of person-environment fit**

In line with Carnevale and Hatak (2020), the erosion of fit is when there is some disharmony in the person-environment fit (P-E fit), given that employees fundamentally choose where to work by finding some common denominator between their attributes (i.e. culture, values and work features) and those of their potential working environment (Kristof, 1996; Kristof-Brown & Guay, 2011; Kristof-Brown, Zimmerman, & Johnson, 2005). It follows that this dimension of HRM is severely affected by the Covid-19 pandemic which is characterized by network environments that limit human contact owing to shifts to work environments that are remote and by extension; misfit is very likely to be apparent (Follmer, Talbot, Kristof-Brown, Astrove, & Billsberry, 2018). In this section, the concern about P-E fit is discussed in two main strands, notably, how: (i) the current Covid-19 crisis is affecting employees' P-E fit experiences and (ii) other socialization practices can help rebalance potential misfit perceptions.

First, among motivational factors that attract individuals to a given working environment is a desire of association with people, values and other specificities of the targeted work environment (Edwards & Cable, 2009; Barrick, Mount, & Li, 2013; Yu, 2016). The impact of Covid-19 on misfit can be seen from various angles in the contemporary Covid-19 literature, notably: (i) Donthu and Gustafsson (2020) have raised concerns of misfit in different industrial sectors (e.g. higher education, retail and tourism); (ii) the feeling of not mattering by some employees as well as the elderly (especially in retirements homes) that

they are not valued and adequately cared for (Flett & Heisel, 2020; Armitage & Nellums, 2020; Béland & Marier, 2020; Flett & Zangeneh, 2020) and (iii) concerns about misfit when searching for jobs and understanding of new employment situations, especially in the light of virtual assessment and recruitment platforms (Vining et al., 2020; Spurk & Straub, 2020). In the second strand, the three streams of concerns related to misfit are discussed (i.e. in the same chronology) in the light of how other socialization practices are helping to address the corresponding misfit issues.

Second, owing to the dissatisfaction that employees may have as a result of misfit (Sacco & Ismail, 2014; Chawla et al., 2020), understanding how social connections and associations can be improved at the advent of the Covid-19 pandemic in order to rebalance misfit perceptions by employees is worthwhile. Hence, in this strand, the three streams of the previous section are expanded in chronological order in order to understand practices of socialization and association that can be instrumental in rebalancing potential perceptions of misfit existing among employees and how best they can be implemented.

(i) With regards to the more general concern of avoiding misfit by current employees, such can be attenuated by having recourse to work arrangements that are flexible, notably: flexible working schedule; flexible work locations and flexible nexuses in employment. These three main dimensions for flexible work arrangements (Spreitzer, Cameron & Garrette, 2017) can be used, *inter alia*, to address concerns related to the attendant misfit (Spurk & Straub, 2020). For instance, according to the narrative, a Work Hub has been launched by Uber to enable drivers leverage on alternative avenues in service and production sectors.

(ii) Potential solutions on mattering (or feeling involved) of older and neglected people in order to avoid misfit have been documented in contemporary Covid-19 literature (Flett & Heisel, 2020; Armitage & Nellums, 2020; Béland & Marier, 2020; Flett & Zangeneh, 2020). According to the narrative, it is imperative for adults and those that are lonely to be treated in ways that make them feel/have a sense of belonging to the community and profession where they are, because doing so would decrease risks of suicide and by extension; enhance corresponding well being, partly owing to lower levels of loneliness and depression. Achieving this objective may require the adaptation of employee skills, more training and recruitment of professionals.

(iii) Job searches and new recruitments can also be tailored to mitigate and avoid misfit. For instance, as documented by Spurk and Straub (2020), Uber has lost more than 90% of its passengers in the USA since the beginning of the pandemic and has been responding to such a

loss by encouraging old and new drivers to switch to Uber Eats or the Uber food couriers service. Moreover, the announcement of 100 000 potential new hires by Amazon is also in view of adapting to the Covid-19 crisis and limiting associated misfits. Recruitment processes could also be aligned with the country-specific phases of lockdown and exit measures such that, new employees are more psychologically prepared for respectively, “working from home office” and “returning back to main office”. Engaging these dynamics in tandem with phases of management of the pandemic would contribute towards reducing potential misfits.

In summary, in order to better understand how present and future social interactions can be adapted to various lockdown and exit phases of the crisis, in view of avoiding the “erosion of fit”, it would be worthwhile for the following to be taken into account with respect to contracting firms and labor platforms: the experiences of workers before, during and after the pandemic should be leveraged to understand the demands of workers. In effect, the underlying platforms for HRM should be tailored to reduce misfit, promote the performance of workers, enhance workforce quality and minimize workers’ depressions and loneliness (Spurk & Straub, 2020).

### **3.2. Disproportionate work-family effects**

Another dimension worth critically examining in HRM externalities from Covid-19 is the disproportion work-family nexuses. As substantiated by Carnevale and Hatak (2020), the current pandemic has substantially altered employees’ relations, the work environment and by extension, work-family ties. Accommodating work-family relations is fundamental to improving employee performance (Greenhaus & Beutell, 1985; Golden, Veiga, & Simsek, 2006). As the present pandemic unfolds, the attendant literature is consistent on the position that there are increasing conflicts within family and work spheres (Spurk & Straub, 2020; Carnevale & Hatak, 2020). Some of the associated concerns pertain to, *inter alia*: employees managing increasing issues surrounding childcare given the widespread closure of childcare services and schools. Owing to the fact that family and work roles have been further blurred, in what follows, this section provides insights into how employees are coping with disproportionate work-family impacts. These are engaged in three main strands, namely: (i) organization support in the absence of elderly care and childcare; (ii) discretion on how and when to do tasks when working from home and (iii) efficacy of self-affirmation interventions.

First, concerning organization support, in the absence of elderly and childcare services, during the Covid-19 crisis, it is important for company support to go beyond emotional support and be more instrumental in counseling employees on how to address



family-work conflicts (French, Dumani, Allen, & Shockley, 2018; Carnevale & Hatak, 2020). Such support could consist of helping employees to better organize their work schedule by constantly updating them on recent developments as to when child and elderly care services can resume or options for part time care for corresponding dependents. It is worthwhile to note that knowledge of such a part time option can help employees plan how and when to engage a particular sets of tasks, especially those that require maximum concentration and limited external distraction. Accordingly, while the gender effect of school closure pertaining to child and elderly care services during the Covid-19 pandemic are more skewed towards women (Gabster, van Daalen, Dhatt & Barry, 2020) partly owing to increased childcare for working mothers, the corresponding advantage however is that many fathers are also taking the primary role of childcare (Alon, Doepke, Olmstead-Rumsey, & Tertilt, 2020; Power, 2020) which is partly relevant in promoting gender equality owing to eroding of social norms, flexibility in working arrangements and distribution of labour. So far, given the global nature of the crisis, as far as we have reviewed, the extant literature is sparse on corporate-specific measures that are being adopted to address concerns related to child and elderly care services, not least because the pandemic is global and touching almost every sector of economies in affected countries.

Second, given the increasing strain to reconcile work-family nexuses, organizations could adapt training programs to the underlying constraints as well as organize meetings and anticipated task inputs when the children and the elderly are expected to be asleep or less constraining. It follows that companies can be very instrumental during these crises moments in determining how and when tasks are performed when taking into account both the challenges faced by employees and available tools of dynamic HRM. *Inter alia*, autonomy as well as emotional and cognitive support as documented in the family-work conflict literature can be steps in this direction (Langfred, 2000; Golden et al., 2006; Stiglbauer & Kovacs, 2018; Carnevale & Hatak, 2020).

The Covid-19 literature is consistent with increasing work autonomy to employees by HRM which is enabling them to determine how and when the corresponding tasks are performed (Donthu & Gustafsson, 2020; Belzunegui-Eraso & Erro-Garcés, 2020; Langè & Gastaldi, 2020; Mani & Mishra, 2020; Baert, Lippens, Moens, Sterkens & Weytjens, 2020a, 2020b). The attendant contemporary Covid-centric literature is consistent on the position that job autonomy is helping to reduce family-oriented working pressures because such modes of working, align with the preferences, needs and constraints of employees in the light of increasing family-work load.

Third, efficacy of self-affirmation interventions is also relevant in helping employees better manage work-family constraints in this time of Covid-19, not least because it enables employees to better align the underpinning needs and values with changed working environments (McQueen & Klein, 2006; Dweck, 2008; Tasselli, Kilduff, & Landis, 2018; Carnevale & Hatak, 2020). Evidence of how self-affirmation interventions have improved the work-family balance in contemporary Covid-19 literature include: Li et al. (2020) concluding after an experiment that “*Self-affirmation is easy to accomplish since it does not require professional guidance or a distinct environment and occupies little time, it would be a convenient strategy for the public to cope with psychological stress during the outbreak*” (p.886). This strand is consistent with the attendant Covid-centric literature on the importance of self-affirmation in alleviating work-family issues resulting from the pandemic (Pandey, Tiwari, & Rai, 2020; Dunning & Pownall, 2020; Black, 2020).

### **3.3. Disproportionate effects on alternative family structures**

Another concern that HRM is attempting to address during this Covid-19 crisis pertains to the disproportionate impact on alternative structures of the family, notably: single and childless employees. This is essentially because in most parts of the world, some employees are either delaying the process of having children and/or are voluntarily or involuntarily living lonely (Swanberg, Pitt-Catsouphes, & Drescher-Burke, 2005; Abma & Martinez, 2006; Morganson, Major, Oborn, Verive, & Heelan 2010; Kreyenfeld & Konietzka, 2017; Kellerman, Reece, & Robichaux, 2018; Carnevale & Hatak, 2020). The corresponding concerns pertaining to the Covid-19 pandemic are discussed in three main strands, namely: (i) socio-psychological issues and (ii) the role of HRM during Covid-19. These strands are expanded in the same chronology as highlighted.

First, the literature has documented that there are significant socio-psychological issues as tangible externalities of the current pandemic (De Coninck, d’Haenens & Matthijs, 2020; Usak, Masalimova, Cherdymova & Shaidullina, 2020; Hua & Shaw, 2020). Such socio-psychological issues are likely to more affect the lonely and childless employees because lack of inclusion is naturally heightened by the closure of businesses that are nonessential and adoption of social distancing measures. Accordingly, from practical standpoints, such feelings of lack of inclusion are more apparent among single (Smith, 2020) and childless (Miller, 2020) employees, which can affect their productivity in the companies in which they are employed as well as their mental health. While these issues can be

addressed by the relevant health professionals, HRM can also be instrumental in addressing them.

Second, HRM can be also relevant in tackling disproportionate effects on alternative family structures owing to the Covid-19 pandemic (Collins & Clark, 2003; Casper, Weltman, & Kwesiga, 2007; Kehoe & Collins, 2017). Such roles could entail, *inter alia*: (i) as apparent in the attendant Covid-19 literature (Carnevale & Hatak, 2020), HRM can consolidate relationship-linked systems of human resources in view of fighting the isolation risks relating to employees that are single and childless as well as prepare them for unforeseen crises that breed social exclusion and loneliness. (ii) Some measures that HRM can use include, feedback, training, development of networks in which employees are encouraged to connect with one another, sponsoring of online/virtual social and professional events. Moreover, consistent with the attendant literature (Corse, 1990; Fuegen, Biernat, Haines, & Deaux, 2004; Byrne & Carr, 2005; Ashburn-Nardo, 2017; Follmer et al., 2018; Grandey, Gabriel, & King, 2020) in order to provide the relevant HRM and physiological therapies, it would be worthwhile to first of all understand how employees feel about social exclusion before designing appropriate social inclusion measures.

#### **4. Insights from entrepreneurship**

The insights from Carnevale and Hatak (2020) pertaining to entrepreneurship can be summarized into five main perspectives, *inter alia*: (i) the Covid-19 represents an opportunity for companies and HRM practices to enhance opportunities of employees' to thrive during the uncertain times, not least, because entrepreneurship is largely concerned with discovering, evaluating and exploiting apparent opportunities in dynamic and uncertain economic environments. (ii) The adaptation of entrepreneurs to new and challenging working environments owing to the underlying pandemic (McMullen & Shepherd, 2006; Rauch, Fink, & Hatak, 2018). (iii) How entrepreneurs are adapting to work, life and family balance (Aldrich & Cliff, 2003; Jennings & McDougald, 2007). (iv) Valorizing autonomy, tolerance of uncertainty, approaching new challenges proactively and openly (Stephan, 2018). (v) Addressing concerns of social exclusion, reduced well-being and loneliness in times of unforeseen events (Fernet, Torrès, Austin, & St-Pierre, 2016; Baron, 2010; De Jong, Parker, Wennekers, & Wu, 2015; Van Gelderen, 2016; Gawke, Gorgievski, & Bakker, 2017; Tasselli et al., 2018) and social support from employees and entrepreneurs to mitigate the downsides to employee wellbeing (Stephan, 2018). The underlying perspectives are substantiated in what

follows with evidence from contemporary Covid-19 literature, in the same chronology as highlighted.

First, the ability of entrepreneurs to leverage on the current Covid-19 situation to discover, evaluate and exploit more opportunities in the light of HRM practices is consistent with contemporary evidence as to how employers and particularly entrepreneurs are adapting to Covid-19 work challenges. The attendant literature has documented the importance of entrepreneurs in adapting their HRM measures (Caligiuri, De Cieri, Minbaeva, Verbeke & Zimmermann, 2020; Dirani et al., 2020).

Second, *inter alia*, there is also a growing stream of literature supporting the perspective that entrepreneurs are quickly adapting to the challenging and new working environments imposed by constraints underlying the Covid-19 pandemic. For instance, there are emerging narratives of new venture creation and growth that are linked to the characteristics of entrepreneurs such as their mindsets, resilience, education as well as entrepreneurial ecosystems in stakeholders such as capital providers and business incubators (Maritz, Perenyi, Waal & Buck, 2020). Other studies supporting this stream include: the importance of sport entrepreneurship in times of Covid-19 (Ratten, 2020a) and relevance of social and business entrepreneurships in the crisis recovery efforts (Haeffele, Hobson & Storr, 2020; Nassif, Armando & La Falce, 2020).

Third, in response to the Covid-19 pandemic, entrepreneurs are also adapting their work and family balance to the pandemic. For instance, Ratten (2020b) shows that owing to some initiatives that are partly traceable to entrepreneurs; the Covid-19 pandemic has led to higher social value co-creation, which is generating innovative favorable externalities to society. This is confirmed in another study by Ratten (2020c) on the nexus between Covid-19 and entrepreneurship in the light the changing work-life landscape.

Fourth, the attendant literature has also confirmed the perspective that features of tolerance, autonomy and uncertainty (especially in entrepreneurs) are crucial in the management of challenges resulting from the Covid-19 pandemic, *inter alia*: Ratten (2020c) in the discourse of improving the balance between work and life and Dolan, Raich, Garti and Landau (2020) on values that are indispensable to cope with the crisis.

Fifth, the Covid-19 pandemic is not without challenges for entrepreneurs especially owing to reduced well-being, heightened loneliness as well as limited support to alleviate the negative externalities of the pandemic. Consequently, social entrepreneurship is being boosted and reinvented in order to rapidly address the corresponding challenges (Bacq, Geoghegan, Josefy, Stevenson & Williams, 2020; Kuckertz et al., 2020). Other streams of research

focusing on how entrepreneurs can tackle attendant challenges relate to concerns in entrepreneurial universities (Kawamorita, Salamzadeh, Demiryurek & Ghajarzadeh, 2020) and resource and waste management issues (Neumayer, Ashton & Dentchev, 2020). Moreover, given limited supported to entrepreneurs compared to public corporations, in order to avoid the downsides of the crisis on entrepreneurial activities, scholarly arguments are made in the direction of short-term economic rescue packages accompanied with other complementary measures aimed at fostering entrepreneurship in the long term (Naudé, 2020; Kuckertz et al., 2020). These rescue packages are also designed to help employees adjust and cope with the changing work dynamic.

## **5. Conclusion and future research directions**

The study has complemented the extant literature by using a process tracing technique to assess how theoretical and textual insights into employee adjustment and wellbeing in the period of the Covid-19 pandemic withstand analytical scrutiny within the frameworks human resource management (HRM) and more contemporary literature. The Covid-19 pandemic poses a challenge to, as well as an opportunity for organizations to find novel solutions to the concerns resulting from the management of their human resources. This study has provided contemporary evidence on several suggested frameworks for future research by Carnevale and Hatak (2020, JBR). The perspectives have been discussed in terms HRM opportunities and challenges in the light of erosion of fit, constraining work-family impacts and disproportionate effects on alternative structures of the family on the one hand and on the other, on insights into entrepreneurship.

In the study, some suggestions have been made on how the attendant HRM concerns pertaining to the Covid-19 pandemic can be alleviated. The insights are relevant to both practitioners and scholars as efforts continue towards the fight against the pandemic. Such insights should be taken on board for the present, the short term future as well as a distant future because the Covid-19 pandemic is still ongoing on the one hand and on the other, such pandemics are likely to be recurrent in the near and distant futures. Hence, HRM in corporations has to adapt and adjust to the evolving employees' conditions as well as newly changed environments of work.

The present study obviously leaves room for further research especially in the light of using both secondary and primary data as time unfolds, to assess how the documented insights withstand further empirical scrutiny. Moreover, engaging comparative studies in this direction across regions, countries and corporations would improve insights into lessons that more

successful corporations and countries in terms of HRM can provide to respectively, less successful corporations and countries.

## References

- Abma, J. C., & Martinez, G. M. (2006). "Childlessness among older women in the United States: Trends and profiles". *Journal of Marriage and Family*, 68(4), pp. 1045–1056.
- Aitken-Fox, E., Coffey, J., Dayaram, K., Fitzgerald, S., Gupta, C., McKenna, S., & Wei Tian, A. (2020) The impact of Covid-19 on human resource management: avoiding generalisations. *LSE Business Review* (22 May 2020).  
[http://eprints.lse.ac.uk/104792/1/businessreview\\_2020\\_05\\_22\\_the\\_impact\\_of\\_covid\\_19\\_on\\_human\\_resource.pdf](http://eprints.lse.ac.uk/104792/1/businessreview_2020_05_22_the_impact_of_covid_19_on_human_resource.pdf) (Accessed: 24/07/2020).
- Akingbola, K., (2020). "COVID-19: The Prospects for Nonprofit Human Resource Management", *Canadian Journal of Nonprofit and Social Economy Research*, 11(1), pp. 16-20.
- Aldrich, H. E., & Cliff, J. E. (2003). "The pervasive effects of family on entrepreneurship: Toward a family embeddedness perspective". *Journal of Business Venturing*, 18(5), pp. 573–596.
- Alon, T., Doepke, M., Olmstead-Rumsey, J., & Tertilt, M., (2020). "The impact of COVID-19 on gender equality." *National Bureau of Economic Research* No. 26947, Cambridge.
- Anderson, N., & Hughes, K. D. (2010). "The Business of Caring: Women's Self-Employment and the Marketization of Care". *Gender Work and Organization*, 17(4), pp. 381–405.
- Armitage, R., & Nellums, L. B. (2020). "COVID-19 and the consequences of isolating the elderly." *The Lancet Public Health*, 5(5), E256. [https://doi.org/10.1116/S2468-2667\(20\)30061-X](https://doi.org/10.1116/S2468-2667(20)30061-X).
- Ashburn-Nardo, L. (2017). "Parenthood as a moral imperative? Moral outrage and the stigmatization of voluntarily childfree women and men". *Sex Roles*, 76(5–6), pp. 393–401.
- Asongu, S. A., Diop, S., & Nnanna, J., (2020). "The Geography of the Effectiveness and Consequences of Covid-19 Measures: Global Evidence", *African Governance and Development Institute Working Paper*, No. 20/054, Yaoundé.
- Asongu, S. A., Usman, U. M., & Vo, X. V., (2020). "The Novel Coronavirus (Covid-19): Theoretical and practical perspectives on children, women and sex trafficking", *African Governance and Development Institute Working Paper*, No. 20/039, Yaoundé.
- Bacq, S., Geoghegan, W., Josefy, M., Stevenson, R. & Williams, T. (2020). "The COVID-19 virtual idea blitz: marshalling social entrepreneurship to rapidly respond to urgent grand challenges", *Business Horizons*, In Press, doi: 10.1016/j.bushor.2020.05.002.  
<https://www.sciencedirect.com/science/article/pii/S0007681320300690>
- Baert, S., Lippens, L., Moens, E., Sterkens, P., & Weytjens, J. (2020a). How Do We Think the COVID-19 Crisis Will Affect Our Careers (If Any Remain)? IZA Discussion Paper No.

13164. *Institute of Labor Economics*. <http://ftp.iza.org/dp13164.pdf>

Baert, S., Lippens, L., Moens, E., Sterkens, P., & Weytjens, J. (2020b). The COVID-19 crisis and telework: A research survey on experiences, expectations and hopes. IZA Discussion Paper No. 13229. *Institute of Labor Economics*. <http://ftp.iza.org/dp13229.pdf>

Baron, R. A. (2010). "Job design and entrepreneurship: Why closer connections= mutual Gains". *Journal of Organizational Behavior*, 31(2/3), pp. 370–378.

Barrick, M. R., Mount, M. K., & Li, N. (2013). "The theory of purposeful work behavior: The role of personality, higher-order goals, and job characteristics". *Academy of Management Review*, 38(1), pp. 132–153.

Beach, D. (2017). Process-tracing methods in social science. United Kingdom: In Oxford research Encyclopedia of politics.

Béland, D., & Marier, P. (2020). "COVID-19 and long-term care policy for older people in Canada". *Journal of Aging & Social Policy*. <https://doi.org/10.1080/08959420.2020.1764319>.

Belzunegui-Eraso, A., & Erro-Garcés, A., (2020). "Teleworking in the Context of the Covid-19 Crisis". *Sustainability*, 12(9), pp. 3662.

Black, J., (2020). "Football is "the most important of the least important things": The Illusion of Sport and COVID-19", *Leisure Sciences*, DOI:10.1080/01490400.2020.1773989.

Brooks, J., & Jackson, D., (2020). "Older people and COVID-19: Isolation, risk and ageism", *Journal of Clinical Nursing*, 29(13-14), pp. 2044-2046.

Byrne, A., & Carr, D. (2005). "Caught in the cultural lag: The stigma of singlehood". *Psychological Inquiry*, 16(2/3), pp. 84–91.

Caligiuri P., De Cieri H., Minbaeva D., Verbeke A., & Zimmermann A. (2020). "International HRM insights for navigating the COVID-19 pandemic: Implications for future research and practice". *Journal of International Business Studies*. 2020  
<https://news.ucalgary.ca/news/sites/default/files/teams/80/JIBS-Pandemic-IHRM-2020.pdf>

Carnevale, J. B., & Hatak, I., (2020). "Employee adjustment and well-being in the era of COVID-19: Implications for human resource management", *Journal of Business Research*, 116(2020), pp. 183-187.

Casper, W. J., Weltman, D., & Kwesiga, E. (2007). "Beyond family-friendly: The construct and measurement of singles-friendly work culture". *Journal of Vocational Behavior*, 70(3), pp. 478–501.

Chawla, N., MacGowan, R. L., Gabriel, A. S., & Podsakoff, N. P. (2020). "Unplugging or staying connected? Examining the nature, antecedents, and consequences of profiles of daily recovery experiences". *Journal of Applied Psychology*, 105(1), pp. 19-39.

Collins, C. J., & Clark, K. D. (2003). "Strategic human resource practices, top management team social networks, and firm performance: The role of human resource practices in

creating organizational competitive advantage”. *Academy of Management Journal*, 46(6), pp. 740–751.

Corse, S. J. (1990). “Pregnant managers and their subordinates: The effects of gender expectations on hierarchical relationships”. *The Journal of Applied Behavioral Science*, 26(1), pp. 25–47.

De Coninck, D., d’Haenens, L., & Matthijs, K., (2020). “Perceived vulnerability to disease and attitudes towards public health measures: COVID-19 in Flanders, Belgium”, *Personality and Individual Differences*, 166 (November), 110220.

De Jong, J. P., Parker, S. K., Wennekers, S., & Wu, C. H. (2015). “Entrepreneurial behavior in organizations: Does job design matter? *Entrepreneurship Theory and Practice*”, 39(4), pp. 981–995.

Diop, S., & Asongu, S.A., (2020). “The Covid-19 Pandemic and the New Poor in Africa: the Straw that Broke the Camel’s Back”. *African Governance and Development Institute Working Paper*, WP/20/038, Yaoundé.

Dirani, K. M., Abadi, M., Alizadeh, A., Barhate, B., Garza, R. C., Gunasekara, N, Ibrahim, G., & Majzun, Z., (2020). “Leadership competencies and the essential role of human resource development in times of crisis: a response to Covid-19 pandemic”, *Human Resource Development International*, 23(4), pp. 380-394.

Dolan S.L., Raich M., Garti A., & Landau A., (2020). “The COVID-19 Crisis” as an Opportunity for Introspection: A Multi-level Reflection on Values, Needs, Trust and Leadership in the Future”, *The European Business Review*, April 6, 2020.  
<https://values-center.co.il/wp-content/uploads/2020/04/covid19.pdf> (Accessed: 25/07/2020).

Donthu N., & Gustafsson A. (2020). “Effects of COVID-19 on business and research”. *Journal of Business Research*. 117, pp. 284–289.

Dunning, A., & Pownall, M., (2020, April 7). “Dispositional and situational attribution of COVID-19 risk: A content analysis of response typology”, *PsyArXiv*.  
<https://doi.org/10.31234/osf.io/czskd>

Dweck, C. S. (2008). “Can personality be changed? The role of beliefs in personality and Change”. *Current Directions in Psychological Science*, 17(6), pp. 391–394.

Edwards, J. R., & Cable, D. M. (2009). “The value of value congruence”. *Journal of Applied Psychology*, 94(3), pp. 654-677.

Eghbali, M., Negarandeh, R., & Froutan, R. (2020). “Covid-19 epidemic: Hospital-level response”, *Nursing Practice Today*, 7(2), pp. 81-83.

Eisenhardt, K., Graebner, M., & Sonenshein, S. (2016). “Grand challenges and inductive methods: Rigor without rigor mortis”. *Academy of Management Journal*, 59(4), pp. 1113–1123.



Farayabi, A. O., & Asongu, S. A., (2020). “The Economic Consequences of the Covid-19 Pandemic in Nigeria”, *African Governance and Development Institute Working Paper No. 20/042*, Yaoundé.

Fernet, C., Torrès, O., Austin, S., & St-Pierre, J. (2016). “The psychological costs of owning and managing an SME: Linking job stressors, occupational loneliness, entrepreneurial orientation, and burnout”. *Burnout Research*, 3(2), pp. 45–53.

Ferraro, F., Etzion, D., & Gehman, J. (2015). “Tackling grand challenges pragmatically: Robust action revisited”. *Organization Studies*, 36(3), pp. 363–390.

Flett, G.L., & Heisel, M.J. (2020). “Aging and Feeling Valued Versus Expendable During the COVID-19 Pandemic and Beyond: a Review and Commentary of Why Mattering Is Fundamental to the Health and Well-Being of Older Adults”. *International Journal of Mental Health Addiction*. <https://doi.org/10.1007/s11469-020-00339-4>

Flett, G. L., & Zangeneh, M. (2020). “Mattering as a vital support for people during the COVID-19 pandemic: the benefits of feeling and knowing that someone cares during times of crisis”. *Journal of Concurrent Disorders*, 2(1), pp. 106–123.  
<https://concurrentdisorders.ca/2020/03/31/mattering-as-a-vital-support-for-people-during-the-covid-19-pandemic/>.

Follmer, E. H., Talbot, D. L., Kristof-Brown, A. L., Astrove, S. L., & Billsberry, J. (2018). “Resolution, relief, and resignation: A qualitative study of responses to misfit at work”. *Academy of Management Journal*, 61(2), pp. 440–465.

French, K. A., Dumani, S., Allen, T. D., & Shockley, K. M. (2018). “A meta-analysis of work–family conflict and social support”. *Psychological Bulletin*, 144(3), pp. 284–314.

Fuegen, K., Biernat, M., Haines, E., & Deaux, K. (2004). “Mothers and fathers in the workplace: How gender and parental status influence judgments of job-related competence”. *Journal of Social Issues*, 60(4), pp. 737–754.

Gabster, B. P., van Daalen, K., Dhatt R., & Barry M. (2020). “Challenges for the female academic during the COVID-19 Pandemic”. *Lancet*, 395(6), pp. 1968–70.

Gawke, J. C., Gorgievski, M. J., & Bakker, A. B. (2017). “Employee intrapreneurship and work engagement: A latent change score approach”. *Journal of Vocational Behavior*, 100(June), pp.88–100.

George, G., Howard-Grenville, J., Joshi, A., & Tihanyi, L. (2016). “Understanding and tackling societal grand challenges through management research”. *Academy of Management Journal*, 59(6), pp. 1880–1895.

Golden, T. D., Veiga, J. F., & Simsek, Z. (2006). “Telecommuting's differential impact on work-family conflict: Is there no place like home?” *Journal of Applied Psychology*, 91(6), pp. 1340–1350.

Grandey, A. A., Gabriel, A. S., & King, E. B. (2020). “Tackling Taboo Topics: A Review of the Three M s in Working Women’s Lives”. *Journal of Management*, 46(1), pp. 7–35.

- Greenhaus, J. H., & Beutell, N. J. (1985). "Sources of conflict between work and family Roles". *Academy of Management Review*, 10(1), pp. 76–88.
- Haeffele, S., Hobson, A., & Storr, V. H., (2020). "Coming Back from Covid-19: Lessons in Entrepreneurship from Disaster Recovery Research". *Mercatus Special Edition Policy Brief*, <http://dx.doi.org/10.2139/ssrn.3592966>
- Hua, J., & Shaw, R., (2020). "Corona Virus (COVID-19). Infodemic and Emerging Issues through a Data Lens: The Case of China". *International Journal of Environmental Research and Public Health*, 17, 2309.
- Hwee J, Chiew J, & Sechachalam S., (2020). "The impact of coronavirus disease 2019 (COVID-19) on the practice of hand surgery in Singapore". *Journal of Hand Surgery in Sangapore*, 45(6), pp. 536-541.
- Jennings, J. E., & McDougald, M. S. (2007). "Work-family interface experiences and coping strategies: Implications for entrepreneurship research and practice". *Academy of Management Review*, 32(3), pp. 747–760.
- Kawamorita, H., Salamzadeh, A., Demiryurek, K., & Ghajarzadeh, M. (2020). "Entrepreneurial Universities in Times of Crisis: Case of Covid-19 Pandemic", *Journal of Entrepreneurship, Business and Economics*, 8(1), pp. 77–88.
- Kehoe, R. R., & Collins, C. J. (2017). "Human resource management and unit performance in knowledge-intensive work". *Journal of Applied Psychology*, 102(8), pp. 1222-1236.
- Kramer, A., & Kramer, K. Z., (2020). "The potential impact of the Covid-19 pandemic on occupational status, work from home, and occupational mobility", *Journal of Vocational Behavior*, 119, June 2020, 103442.
- Kreyenfeld, M., & Konietzka, D. (Eds.). (2017). *Childlessness in Europe: Contexts, causes, and consequences*. Springer.
- Kristof, A. L. (1996). "Person-organization fit: An integrative review of its conceptualizations, measurement, and implications". *Personnel Psychology*, 49(1), ppp. 1–49.
- Kristof-Brown, A., & Guay, R. P. (2011). Person–environment fit. *APA handbook of industrial and organizational psychology* Maintaining, expanding, and contracting the organization (pp. 3–50). American Psychological Association.
- Kristof-Brown, A. L., Zimmerman, R. D., & Johnson, E. C. (2005). "Consequences of individual's fit at work: A meta-analysis of person-job, person-organization, persongroup, and person-supervisor fit". *Personnel Psychology*, 58(2), pp. 281–342.
- Kuckertz, A., Brändle, L., Gaudig, A., Hinderer, S., Morales Reyes, C. A., Prochotta, A., Steinbrink, K. M., & Berger, E. S. (2020). "Startups in times of crisis—A rapid response to the COVID-19 pandemic". *Journal of Business Venturing Insights*, 13, June 2020, e00169.
- Langè, V. & Gastaldi, L. (2020). "Coping Italian Emergency COVID-19 through Smart

Working: From Necessity to Opportunity”. *Journal of Mediterranean Knowledge-JMK*, 5(1), pp. 163-172.

Langfred, C. W. (2000). “The paradox of self-management: Individual and group autonomy in work groups”. *Journal of Organizational Behavior*, 21(5), pp. 563–585.

Lechat, T., & Torrès, O. (2017). “Stressors and satisfactors in entrepreneurial activity: An event-based, mixed methods study predicting small business owners’ health”. *International Journal of Entrepreneurship and Small Business*, 32(4), pp. 537–569.

Li, S., Wu, Zhang, F., Xu, Q., & Zhou, A., (2020). “Self-affirmation buffering by the general public reduces anxiety levels during the COVID-19 epidemic”, *Acta Psychologica Sinica*, 52(7), pp. 886-894.

Mani, S. & Mishra, M. (2020), “Non-monetary levers to enhance employee engagement in organizations – “GREAT” model of motivation during the Covid-19 crisis”, *Strategic HR Review*, 19(4), pp. 171-175.

Matias, T., Dominski, F. H., & Marks, D. F., (2020). “Human needs in COVID-19 isolation”. *Journal of Health Psychology*, 25(7), pp. 871-882.

Maritz, A., Perenyi, A., de Waal, G., & Buck, C., (2020). “Entrepreneurship as the Unsung Hero during the Current COVID-19 Economic Crisis: Australian Perspectives”. *Sustainability*, 2020, 12, 4612.

McMullen, J. S., & Shepherd, D. A. (2006). “Entrepreneurial action and the role of uncertainty in the theory of the entrepreneur”. *Academy of Management Review*, 31(1), pp. 132–152.

McQueen, A., & Klein, W. M. (2006). “Experimental manipulations of self-affirmation: A systematic review”. *Self and Identity*, 5(4), pp. 289–354.

Miller, A. M. (2020, May 5). “People who got sick with the coronavirus while living alone describe their panic: 'I could be dead and decaying and no one would know'”. Retrieved May 20, 2020, from <https://www.businessinsider.com/what-its-like-to-get-covid-19-when-living-alone-2020-5>.

Morganson, V. J., Major, D. A., Oborn, K. L., Verive, J. M., & Heelan, M. P. (2010). “Comparing Telework Locations and Traditional Work Arrangements: Differences in Work-Life Balance Support, Job Satisfaction, and Inclusion”. *Journal of Managerial Psychology*, 25(6), pp. 578-595.

Nassif, V., Armando, E., & La Falce, J. L. (2020). “Entrepreneurship and Small Business in the Context of Post Covid-19: Is there Light at the End of the Tunnel?” *Iberoamerican Journal of Entrepreneurship and Small Business – REGEPE*, 10(3), I-VII. 10.14211/regepe.v9i3.1940

Naudé, W., (2020). “Entrepreneurial Recovery from Covid-19: Decentralization, Democratization, Demand, Distribution, and Demography”. *IZA Discussion Paper No. 13436*, Available at SSRN: <https://ssrn.com/abstract=3643200>

- Neumayer, X., Ashton, W. S., & Dentchev, N., (2020). “Addressing resource and waste management challenges imposed by COVID-19: An entrepreneurship perspective”, *Resources, Conservation and Recycling*, 162 (November), 105058.
- Ngamije, J., & Yadufashije, C., (2020). “COVID-19 pandemic in Rwanda: An overview of prevention strategies”, *Asian Pacific Journal of Tropical Medicine*, 13(8), pp. 333-334.
- Pandey, R., Tiwari, G. K., & Rai, P. K. (2020). “The Independent and Interdependent Selfaffirmations in Action: Understanding their dynamics in India during COVID-19”, *AUTHOREA* “[Preprint]. Preprints. <https://doi.org/10.22541/au.158958018.83880224>
- Power, K. (2020). “The COVID-19 pandemic has increased the care burden of women and families”. *Sustainability: Science, Practice and Policy*, 16(1), pp. 67–73.
- Price, G. & van Holm, E. J. (2020). “The Effect of Social Distancing Onthe Spread of Novel Coronavirus: Estimates From Linked State-Level Infection And American Time Use Survey Data”, Urban Entrepreneurship and Policy Institute, University of New Orleans, New Orleans.
- Ratten, V. (2020a). “Coronavirus disease (COVID-19) and sport entrepreneurship”, *International Journal of Entrepreneurial Behavior & Research*, Vol. ahead-of-print No. ahead-of-print. <https://doi.org/10.1108/IJEBR-06-2020-0387>.
- Ratten, V. (2020b). “Coronavirus (covid-19) and social value co-creation”, *International Journal of Sociology and Social Policy*, Vol. ahead-of-print No. ahead-of-print. <https://doi.org/10.1108/IJSSP-06-2020-0237>
- Ratten, V., (2020c). “Coronavirus (covid-19) and entrepreneurship: changing life and work landscape”, *Journal of Small Business & Entrepreneurship*, DOI: 10.1080/08276331.2020.1790167 <https://www.tandfonline.com/doi/abs/10.1080/08276331.2020.1790167>
- Rauch, A., Fink, M., & Hatak, I. (2018). “Stress processes: An essential ingredient in the entrepreneurial process”. *Academy of Management Perspectives*, 32(3), pp. 340–357.
- Sacco, D. F., & Ismail, M. M. (2014). “Social belongingness satisfaction as a function of interaction medium: Face-to-face interactions facilitate greater social belonging and interaction enjoyment compared to instant messaging”. *Computers in Human Behavior*, 36 (July), pp. 359–364.
- Smith, R. A. (2020, April 5). “Single Life and the Coronavirus”. Retrieved May 20, 2020, from <https://www.wsj.com/articles/single-life-and-the-coronavirus-11586088001>.
- Spreitzer, G. M., Cameron, L. & Garrette, L., (2017). “Alternative Work Arrangements: Two Images of the New World of Work”, *Annual Review of Organizational Psychology and Organizational Behavior*, 4, pp. 473-499.
- Spurk, D., & Straub, C. (2020). “Flexible employment relationships and careers in times of the COVID-19 pandemic”. *Journal of Vocational Behavior*. doi:10.1016/j.jvb.2020.103435.

Stephan, U. (2018). "Entrepreneurs' mental health and well-being: A review and research Agenda". *Academy of Management Perspectives*, 32(3), pp. 290–322.

Stiglbauer, B., & Kovacs, C. (2018). "The more, the better? Curvilinear effects of job autonomy on well-being from vitamin model and PE-fit theory perspectives". *Journal of Occupational Health Psychology*, 23(4), pp. 520-536.

Swanberg, J. E., Pitt-Catsouphes, M., & Drescher-Burke, K. (2005). "A question of justice: Disparities in employees' access to flexible schedule arrangements". *Journal of Family Issues*, 26(6), pp. 866–895.

Tasselli, S., Kilduff, M., & Landis, B. (2018). "Personality change: Implications for organizational behavior". *Academy of Management Annals*, 12(2), pp. 467–493.

Ting, D. S. W., Carine, L., Dzau, V., & Wong, T. Y., (2020). "Digital technology and COVID-19", *nature medicine*, 26, pp. 459–461.

Usak, M., Masalimova, R. A., Cherdymova, I. E., & Shaidullina, R. A. (2020). "New playmaker in science education: Covid-19". *Journal of Baltic Science Education*, 19(2), pp. 180-185.

Van Gelderen, M. V. (2016). "Entrepreneurial autonomy and its dynamics". *Applied Psychology*, 65(3), pp. 541–567.

Vining, C. C., Eng, O. S., Hogg, M. E., et al. (2020). "Virtual surgical fellowship recruitment during COVID-19 and its implications for the resident/fellow recruitment in the future". *Annals of Surgical Oncology*. <https://doi.org/10.1245/s10434-020-08623-2>

Wang, C. J., Ng, C. Y., & Brook, R. H., (2020). "Response to COVID-19 in Taiwan Big Data Analytics, New Technology, and Proactive Testing", *JAMA Network*, 323(14), pp. 1341-1342.

Yu, K. Y. T. (2016). "Inter-Relationships among different types of Person-Environment fit and job satisfaction". *Applied Psychology*, 65(1), pp. 38–65.