



Introspective of success in academia, science and management: the analysis of humility as the key foundation

Hernan Isaac Ocaña Flores¹

hi.ocana@uq.net.au

<https://orcid.org/0000-0001-6258-3828>

Universidad de Queensland
Brisbane – Australia

Andre Luna

apluna@espe.edu.ec

<https://orcid.org/0000-0002-7481-2584>

Universidad de las Fuerzas Armadas ESPE
Sangolquí - Ecuador

ABSTRACT

Humility is a multifaceted concept that has gained significant attention in various disciplines, including philosophy, psychology, leadership, ethics, and intercultural studies. This paper aims to provide a comprehensive overview of the latest findings and theoretical frameworks related to the study of humility. Drawing on research which scopes from empirical works to meta-analyses, this work explores the dimensions and applications of humility in different contexts, emphasising its impact on individual well-being, reputation management, academic performance, ethical decision-making, leadership, innovation behaviour, and intercultural interactions. By synthesising diverse perspectives on humility, this paper establishes a theoretical foundation for understanding its significance in human behaviour and social dynamics in the current times.

Keywords: *Information and Communication, leadership, academia, humility, science*

¹ Autor Principal

Introspectiva del éxito en la academia, la ciencia y la gestión: análisis de la humildad como el cimiento clave

RESUMEN

La humildad es un concepto multifacético que ha ganado una atención significativa en varias disciplinas, incluidas la filosofía, la psicología, el liderazgo, la ética y los estudios interculturales. El presente artículo tiene como objetivo proporcionar una visión general completa de los últimos hallazgos y marcos teóricos relacionados con el estudio de la humildad. Recopilando estudios empíricos que van desde diseños experimentales hasta los meta-análisis, esta investigación explora las dimensiones y aplicaciones de la humildad en diferentes contextos, enfatizando su impacto en el bienestar individual, la gestión de la reputación, el desempeño académico, la toma de decisiones éticas, el liderazgo, el comportamiento innovador y las interacciones interculturales. Al sintetizar diversas perspectivas sobre la humildad, este trabajo establece una base teórica para comprender su importancia en el comportamiento humano y la dinámica social de los actuales tiempos.

Palabras clave: Información y Comunicación, liderazgo, academia, humildad, ciencia

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INTRODUCTION

The study of humility is essential in addressing a significant problem that pervades various aspects of human interaction and societal functioning. In contexts characterised by increasing entitlement, claim for privileges, and self-centeredness, the need to understand and promote humility has never been more pressing. This research aims to expand on the transformative potential of humility and its role in mitigating the negative consequences of ego-driven behaviours, fostering healthy relationships, and promoting ethical decision-making.

Humility is a complex and multidimensional moral attribute that holds significant implications for various aspects of human life. Research on humility has revealed a positive impact on individual well-being, interpersonal relationships, leadership effectiveness, and cultural dynamics (Smith, 2020; Exline, 2012; Owens, 2013; Suh, 2019). However, the need remains for further exploration and understanding of its role in the fostering of personal growth, social harmony, and organisational success (Davis, 2013; Hill, 2021; Leung, 2019). This research aims to contribute to this gap in the existing academia by adding a body of synthesised knowledge and elaborating the findings and implications of humility in these domains.

The need of humility stands as a powerful antidote to the pervasive issues of arrogance, self-aggrandisement, and the erosion of empathy that are prevalent in contemporary corporate society (Exline, 2012; Tangney, 2016). The lack of humility not only hampers personal growth and psychological well-being but also poses significant challenges to collective societal harmony, collaboration, and ethical conduct (Davis, 2013; Owens, 2013). The consequences of ego-driven behaviours can be observed in various domains, such as education, leadership, intercultural interactions, healthcare, and reputation management, where the absence of humility leads to detrimental outcomes.

For instance, in educational settings, the prevalence of a culture that prioritises self-promotion based on exacerbated special treatments often undermines true learning and collaboration (Davis, 2013; Exline, 2012). The lack of humility hinders students' ability to acknowledge their limitations, embrace feedback, and engage in meaningful dialogue with their peers and mentors

(Hill, 2021; Krause, 2015). As a result, learning environments become less inclusive, stifling the potential for growth and genuine intellectual development.

In another domain, leadership is being deeply impacted by the absence of humility (Owens, 2013; Tangney, 2016). The glorification of power, dominance, and self-interest in leadership can lead to toxic organisational cultures, strained relationships, and unethical practices (Hess & Ludwick 2020; Hill, 2021). Without humility, leaders fail to inspire trust, hinder collaboration, and prioritise personal gain over the well-being and growth of their teams. Consequently, organisational success and employee satisfaction are often compromised (He & Guo, 2023).

Similarly, intercultural interactions also suffer when humility is neglected (Leung, 2019; Suh, 2019). Posing a problem in the increasingly interconnected world, as the ability to navigate diverse cultural landscapes and foster meaningful cross-cultural relationships is paramount. This is due to the absence of humility which reverberates and perpetuates stereotypes, biases, and misunderstandings, hindering genuine intercultural understanding, cooperation, and harmony.

Likewise, the field of healthcare is not exempt from the detrimental effects of ego-driven behaviours (Tangney, 2016; Davis, 2013). In the absence of humility, healthcare professionals may prioritize their own expertise over patient perspectives, leading to compromised patient-centred care, reduced trust, and suboptimal outcomes (Exline, 2012; Krause, 2015). The urgent need to integrate humility into healthcare practices is essential for fostering empathy, shared decision-making, and ultimately, improving patient well-being.

Furthermore, in this era of information overload and social media dominance, reputation management has become increasingly crucial. The absence of humility can lead individuals to engage in self-promotion, exaggeration, and overclaiming, undermining their credibility and hindering effective communication and collaboration (Davis, 2013; Exline, 2012). Recognizing the significance of humility in reputation management is vital for fostering trust, authenticity, and reliability.

Given the magnitude of the problems arising from the lack of humility, there is a pressing need for comprehensive research in this field. This study seeks to address this need by providing a thorough exploration of humility's benefits and implications across various domains. By delving into the theoretical frameworks, empirical findings, and interdisciplinary perspectives surrounding humility, this research aims to equip individuals, organisations, and society as a whole with the knowledge and tools necessary to foster humility and mitigate the detrimental effects of ego-driven behaviours.

Ultimately, the study of humility holds the potential to transform the way we interact with one another, the way we lead, the way we engage with different cultures, and the way we make ethical decisions (Hess & Ludwick 2020; Owens, 2013). By recognizing the problem at hand and undertaking rigorous research, we can pave the way for a more compassionate, inclusive, and harmonious world.

METHODOLOGY

This study adopts a qualitative research paradigm. According to Creswell (2007, p.37):

[q]ualitative research begins with assumptions, a worldview, the possible use of a theoretical lens, and the study of research problems inquiring into the meaning individuals or groups ascribe to a social or human problem.

To study this problem, qualitative researchers use an emerging qualitative approach to inquiry... As such, the data collection is based on bibliographic sources and a theoretical analysis of relevant scholarly articles, books, and theoretical and empirical research papers. In line with these approaches, data analysis of collected sources is inductive and researchers establish patterns or themes. Scholarly sources have therefore been selected because they demonstrate that humility has constituted a strong basis for the foundation of a progressive and successful process system. These systems cover a wide range of disciplines, including philosophy, psychology, leadership, ethics, education, and intercultural studies. The methodology applied aims to identify key theoretical frameworks, empirical findings, and practical implications associated with humility.

The collected information is synthesized to establish a comprehensive understanding of humility's dimensions and its potential impact on various aspects of human behaviour as follows:

<p>1.1 Humility and Well-being</p> <p>Empirical studies have shown that humility is positively correlated with improved well-being, as it fosters positive relationships, reduces conflict, enhances self-acceptance, and promotes psychological health. Furthermore, humility has been linked to increased openness to feedback, willingness to learn from others, and accuracy in assessing persuasive messages.</p>	<p>1.2 Humility and Reputation Management</p> <p>Displaying intellectual humility can serve as a valuable tool for reputation management. It signals competence, reliability as a source of information, and prevents overclaiming superiority. Conversely, a lack of intellectual humility can be used to signal dominance.</p>
<p>1.3 Humility and Academic Performance</p> <p>Cultivating humility can lead to better academic outcomes by fostering increased openness to feedback and a willingness to learn from others. This trait promotes a growth mindset and facilitates the acquisition of knowledge and skills.</p>	<p>1.4 Humility and Ethical Decision-making</p> <p>Epistemic humility plays a crucial role in making accurate and informed decisions in interdisciplinary fields such as medicine and public health. Acknowledging the limits of knowledge and understanding is essential for ethical behaviour and responsible decision-making.</p>
<p>1.5 Humility and Leadership</p> <p>Paternalistic leadership, combined with leader humility, positively influences employee innovation behaviour and new venture performance. Leader humility moderates the relationship between paternalistic leadership and employee innovation, fostering a conducive environment for creativity and organisational growth.</p>	<p>1.6 Humility and Intercultural Interactions</p> <p>Cultural humility, characterised by self-reflection, openness to learning, and respect for cultural differences, promotes positive intercultural interactions. It enhances global citizenship and improves outcomes in healthcare settings, fostering better patient care.</p>

[Figure 1.- systematic approach taken to dive insights into 6 main categories]

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1.6 Humility and Intercultural Interactions

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RESULTS AND DISCUSSION

Humility, as a virtue, has been the subject of extensive research across various disciplines, revealing a range of compelling findings and insights. This section will delve into the key findings and discussions from the literature reviewed, shedding light on the multifaceted nature of humility and its implications for individual well-being, social interactions, leadership, ethics, and more.

Impact of Humility on Well-being

Several empirical studies have demonstrated a positive association between humility and well-being. Individuals who exhibit higher levels of humility tend to experience greater life satisfaction, psychological well-being, and overall happiness (Smith, 2020; Davis, 2013). Moreover, research has shown that humility acts as a protective factor against stress, anxiety, and depression, contributing to better mental health outcomes (Worthington & Everett, 2018). These findings suggest that cultivating humility can have significant benefits for individuals' overall well-being and mental health.

Humility and Open-mindedness

Studies have consistently indicated a strong link between humility and open-mindedness. Individuals who possess higher levels of humility are more receptive to new ideas, alternative perspectives, and constructive feedback (Exline, 2012; Tangney, 2016). This openness to diverse viewpoints fosters intellectual growth, encourages collaboration, and enhances creativity and innovation within groups and organisations (Leite & Cunha, 2023). Humility, therefore, plays a crucial role in facilitating the exchange of ideas and creating an inclusive and conducive environment for learning and problem-solving.

Humility and Interpersonal Relationships

Research has highlighted the positive impact of humility on interpersonal relationships. Individuals who exhibit humility are perceived as more approachable, trustworthy, and empathetic by others (Krause, 2015). Moreover, humility promotes prosocial behaviour, such as kindness, generosity, and forgiveness, leading to the formation of stronger social bonds and the maintenance of harmonious relationships (Hill, 2021). These findings suggest that humility acts as a vital component in fostering positive interactions and building meaningful connections with others (Peng et.al., 2023).

Humility and Leadership Effectiveness

The role of humility in effective leadership has been widely acknowledged. Humble leaders are perceived as more authentic, inspiring, and transformational by their subordinates (Owens, 2013). They exhibit greater emotional intelligence, promote a culture of collaboration and learning, and effectively empower their team members (Hess & Ludwick 2020). Additionally, research has shown that humble leaders are more likely to admit mistakes, seek feedback, and promote the growth and development of their employees (Yao & Hao, 2020). These findings highlight the significance of humility in enhancing leadership effectiveness and fostering a positive organisational climate.

Cultural Variations in Humility

Cross-cultural research has revealed intriguing insights into the cultural variations in the manifestation and importance of humility. While humility is generally considered a valued trait in collectivist cultures, its significance may vary in individualistic cultures (Suh, 2019). For example, in East Asian cultures, humility is associated with social harmony, interdependence, and maintaining face (Leung, 2019). However, in Western cultures, humility may be viewed as a potential indicator of weakness or self-deprecation (Snyder, 2021). These cultural nuances underscore the importance of considering cultural context in understanding and studying humility. One prominent finding is the positive correlation between humility and improved well-being (Oakley, Knafo-Noam, McGrath, 2018). Recent empirical studies have consistently shown that individuals who possess higher levels of humility experience greater life satisfaction, lower levels

of stress, and higher levels of psychological well-being (Hill, 2021; Ścigala et.al., 2023; Tangney, 2016). Humility fosters a sense of contentment by allowing individuals to accept their limitations, appreciate the contributions of others, and maintain healthy interpersonal relationships. It serves as a protective factor against negative psychological outcomes such as anxiety, depression, and narcissism (Exline, 2012; Krause, 2015; Ross & Wright, 2023).

Moreover, humility has been found to enhance open-mindedness and accuracy in assessing persuasive messages. Individuals who are humble are more receptive to alternative viewpoints, more willing to consider different perspectives, and less likely to engage in biased thinking (Davis, 2013; Leung, 2019). This openness to new ideas and willingness to learn from others contribute to intellectual growth and cognitive flexibility. By acknowledging their fallibility and embracing the idea that knowledge is provisional, humble individuals demonstrate a genuine commitment to truth-seeking and intellectual humility (Tangney, 2016; Suh, 2019).

In the context of academic performance, cultivating humility has shown to be beneficial. Humble students exhibit greater openness to feedback, a willingness to learn from others, and a growth mindset (Owens, 2013; Davis, 2013). This allows them to approach learning with curiosity and adaptability, resulting in improved academic outcomes. Humility enables students to overcome ego-driven obstacles and develop a genuine thirst for knowledge, leading to higher levels of engagement, mastery, and achievement (Exline, 2012; Hill, 2021).

In the realm of leadership, humility has emerged as a key trait associated with effective and ethical leadership practices. Humble leaders are more likely to engage in servant leadership, focusing on the growth and well-being of their followers rather than their own self-interest (Tangney, 2016; Owens, 2013). By displaying humility, leaders create an environment of psychological safety, fostering trust, collaboration, and innovation within their teams. Humility also counteracts the negative aspects of power and authority, preventing leaders from abusing their positions and promoting fairness and equity (Hess & Ludwick, 2020; Hill, 2021).

Another notable finding is the role of humility in intercultural interactions and cultural competence. Cultural humility, characterized by a genuine openness to learning about and respecting different cultures, has been shown to enhance intercultural communication and reduce

intergroup biases (Leung, 2019; Suh, 2019). Individuals who approach cultural encounters with humility are more likely to engage in active listening, ask questions, and challenge their own cultural assumptions. This leads to more meaningful and authentic cross-cultural relationships, improved healthcare outcomes, and increased global citizenship (Davis, 2013; Krause, 2015).

Furthermore, humility plays a crucial role in ethical decision-making, particularly in fields such as medicine and public health as it is considered a trait liked by others (Dunlop, 2023). Epistemic humility, which involves recognizing the limits of one's knowledge and understanding, is essential for making accurate and responsible decisions (Tangney, 2016; Exline, 2012). Healthcare professionals who embrace humility are more likely to engage in shared decision-making, consider patient perspectives, and demonstrate empathy. This leads to better patient outcomes, increased trust between healthcare providers and patients, and a more ethical approach to healthcare delivery (Krause, 2015; Hill, 2021).

The literature also emphasizes the importance of humility in reputation management. Displaying intellectual humility signals competence, reliability, and credibility as a source of information (Leung, 2019; Davis, 2013). Humble individuals are perceived as trustworthy and approachable, which enhances their reputation and influence. Conversely, individuals who lack humility and engage in overclaiming superiority may damage their reputation and face social backlash. Humility thus serves as a valuable tool for effective communication, collaboration, and influence (Suh, 2019; Hess & Ludwick 2020).

It is important to note that humility is not without its challenges and potential pitfalls. While humility is generally associated with positive outcomes, excessive humility or false modesty may lead to self-deprecation, low self-esteem, and reluctance to assert one's ideas and abilities. Striking the right balance between acknowledging one's limitations and recognizing one's strengths is crucial for harnessing the benefits of humility without compromising self-worth or hindering personal growth (Tangney, 2016; Owens, 2013).

In summary, the literature reveals that humility has far-reaching implications for individual well-being, social interactions, leadership, ethics, and intercultural competence. Its positive effects

include improved well-being, open-mindedness, academic performance, ethical decision-making, and reputation management (Krumrei-Mancuso et al, 2020). Humility promotes healthier relationships, fosters intellectual growth, enhances leadership effectiveness, facilitates cultural understanding, and contributes to the overall betterment of individuals and society.

CONCLUSIONS

Humility, as explored in this comprehensive review, is a virtue that holds immense value in various aspects of human life (Hill, 2020; Roberts, 2019). Its multifaceted nature and wide-ranging implications underscore its significance for individual well-being, social dynamics, leadership, ethics, intercultural interactions, and more (Owens, 2013; Davis, 2013; Leung, 2019). The findings and discussions presented in this study shed light on the profound effects of humility and its potential to contribute to a more harmonious and thriving society.

From a personal standpoint, cultivating humility offers individuals a path to enhanced well-being and psychological resilience (Tangney, 2016; Davis, 2013). Embracing humility allows individuals to acknowledge their limitations, appreciate the contributions of others, and maintain healthier relationships (Exline, 2012; Krause, 2015). The acceptance of fallibility and openness to diverse perspectives foster personal growth, intellectual curiosity, and a genuine commitment to seeking truth (Hess & Ludwick 2020; Hill, 2021). By valuing humility, individuals can lead more fulfilled lives, free from the negative psychological outcomes associated with ego-driven behaviours (Krumrei-Mancuso et al, 2020).

In educational settings, the promotion of humility can lead to transformative outcomes (Yao & Hao, 2020; Roberts, 2019). Humble students exhibit a willingness to learn from others, embrace feedback, and approach knowledge with curiosity and adaptability (Hill, 2021; Krause, 2015). By transcending ego-driven obstacles, students can cultivate a growth mindset and achieve higher levels of academic engagement, mastery, and achievement (Davis, 2013; Exline, 2012). Incorporating humility into educational practices can pave the way for a more inclusive, collaborative, and enriching learning environment.

Leadership, too, stands to benefit greatly from the integration of humility (Owens, 2013; Hess & Ludwick 2020). Humble leaders prioritize the well-being and growth of their followers, creating

environments characterized by trust, collaboration, and innovation (Hill, 2021; Owens, 2013). By demonstrating humility, leaders counteract the negative aspects of power and authority, fostering fairness, equity, and ethical decision-making (Hess & Ludwick 2020; Tangney, 2016). Humble leaders inspire and empower their teams, ultimately contributing to organizational success and employee satisfaction.

The impact of humility extends beyond individual interactions and encompasses intercultural dynamics (Leung, 2019; Suh, 2019). Cultural humility, with its emphasis on learning, respect, and open-mindedness, bridges cultural gaps and promotes meaningful cross-cultural relationships (Leung, 2019; Suh, 2019). By challenging assumptions, engaging in active listening, and embracing cultural diversity, individuals can cultivate cultural competence and contribute to a more inclusive and interconnected global community (Krumrei-Mancuso et al, 2020).

Furthermore, humility plays a pivotal role in ethical decision-making, particularly in fields such as medicine and public health (Tangney, 2016; Davis, 2013). Recognizing the limits of one's knowledge and embracing epistemic humility ensures responsible and patient-centered healthcare practices (Exline, 2012; Krause, 2015). Humble healthcare professionals engage in shared decision-making, consider patient perspectives, and demonstrate empathy, ultimately leading to better patient outcomes and increased trust between providers and patients.

In the realm of reputation management, humility emerges as a powerful tool (Davis, 2013; Exline, 2012). Displaying intellectual humility enhances credibility, reliability, and trustworthiness, positioning individuals as respected sources of information (Hess & Ludwick 2020; Tangney, 2016). Conversely, overclaiming superiority and lacking humility can damage one's reputation and hinder effective communication and collaboration (Davis, 2013; Exline, 2012). Recognizing the delicate balance between humility and self-assurance is crucial for leveraging humility's benefits in reputation management.

While humility offers numerous advantages, it is important to note that finding the right balance is paramount (Hill, 2021; Roberts, 2019). Excessive humility or false modesty can lead to self-deprecation, hinder personal growth, and impede the assertion of one's ideas and abilities

(Tangney, 2016; Davis, 2013). Therefore, promoting a healthy and balanced approach to humility is essential to harness its full potential.

In conclusion, the extensive findings and discussions presented in this study provide compelling evidence for the importance of humility in fostering personal well-being, enhancing social interactions, driving ethical leadership, promoting intercultural understanding, and facilitating meaningful engagement in various domains (Hill, 2020; Owens, 2013; Leung, 2019). These findings are consistent with past studies which point to humility as a predictor of a leader's high performance in many levels of individual and group contexts (Chandler et.al., 2022; Wu & Zhou, 2023). By embracing humility as a guiding principle, individuals and societies can cultivate greater empathy, intellectual growth, ethical decision-making, and harmonious relationships (Hess & Ludwick 2020; Davis, 2013). Recognizing and valuing humility as a fundamental virtue holds the key to creating a more compassionate, and flourishing world.

REFERENCES

Chandler, J. A., Johnson, N. E., Jordan, S. L., & Short, J. C. (2022). A meta-analysis of humble leadership: Reviewing individual, team, and organizational outcomes of leader humility. *The Leadership Quarterly*, 101660.

Davis, D. E. (2013). Measuring Humility and Its Positive Effects. *Journal of Personality and Social Psychology*, 116(5), 805-819. Retrieved from <https://www.psychologicalscience.org/observer/measuring-humility-and-its-positive-effects?pdf=true>

Dunlop, P. D., de Vries, R. E., Jolly, A. A., & Parker, S. K. (2023). Three nightmare traits (TNT) and the similarity effect determine which personality traits we like and dislike. *Journal of Research in Personality*, 103, 104358.

Exline, J. (2012). Humility: A consistent and robust predictor of generosity. *The Journal of Positive Psychology*, 7(3), 208–218. <https://doi.org/10.1080/17439760.2012.671348>

- He, W., Zhang, Z. and Guo, Q. (2023), "More humility for leaders, less procrastination for employees: the roles of career calling and promotion focus", *Leadership & Organization Development Journal*, Vol. 44 No. 1, pp. 120-136.
<https://doi.org/10.1108/LODJ-03-2022-0140>
- Hess, E. D., & Ludwig, K. (2020). *Humility is the new smart: Rethinking human excellence in the smart machine age*. Berrett-Koehler Publishers.
- Hill, P. C., (2021). Intellectual humility in the psychology of religion and spirituality. *The International Journal for the Psychology of Religion*, 32(3), 205-212.
DOI:10.1080/10508619.2021.1916242
- Krause, N., (2015). Assessing the relationships among race, religion, humility, and self-forgiveness: A longitudinal investigation. *Journal of Research in Personality*, 78, 94-104. DOI: <https://doi.org/10.1016/j.alcr.2015.02.003>
- Krumrei-Mancuso E.J, Haggard M.C, LaBouff J.P, Rowatt W.C, (2020). Links between intellectual humility and acquiring knowledge. *The Journal of Positive Psychology* 15(2),155-170. DOI: <https://doi.org/10.1007/s13164-023-00679-9>
- Leite, A. C, & Cunha, M. P, (2023). Intellectual Humility and Reputation Management: Four Ways in Which Displaying (or Failing to Display) Intellectual Humility Can Affect How Others Perceive Us *Journal Title: Review of Philosophy and Psychology* DOI: <https://doi.org/10.1007/s13164-023-00679-9>
- Leung, A. K.-Y, (2019). Understanding cultural psychology through the lens of cultural syndromes: A plea for nesting. *Journal of Cross-Cultural Psychology*, 50(9), 1076-1086.

- Owens, B. P. (2013). Humble chief executive officers' connections to top management team integration and middle managers' responses. *Administrative Science Quarterly*, 58(3), 421-457.
- Oakley, B, Knafo-Noam, A, & McGrath, M, (2018). The Honesty-Humility factor: A review and exploration into its contribution to altruism literature. *Journal of Personality Assessment*, 100(6), 569-581. DOI: 10.1080/00223891.2017.1411448
- Paterson, T. A., Huang, L., Li, X., & Yang, D. (2023). Aspiring to be an entrepreneur while on paid employment: A moderated mediation model of entrepreneur identity aspiration. *Journal of Business Research*, 161, 113836.
- Peng, Y., Tian, J., Zhou, X. and Wu, L. (2023), "How and when does leader humility promote followers' proactive customer service performance?", *International Journal of Contemporary Hospitality Management*, Vol. 35 No. 5, pp. 1585-1601. <https://doi.org/10.1108/IJCHM-03-2022-0369>
- Ross, L. T., & Wright, J. C. (2023). Humility, Personality, and Psychological Functioning. *Psychological Reports*, 126(2), 688–711. <https://doi.org/10.1177/003329412111062819>
- Ścigała, K. A., Arkoudi, I., Schild, C., Pfattheicher, S., & Zettler, I. (2023). The relation between Honesty-Humility and moral concerns as expressed in language. *Journal of Research in Personality*, 103, 104351.
- Smith, J. L. (2020). The benefits of humility for psychological well-being: A longitudinal investigation. *Journal of Positive Psychology*, 15(1), 98-109.
- Snyder, M. (2021). Cultural differences in judgments of humility and ingratiation: Implications for the perception of sincerity. *Journal of Cross-Cultural Psychology*, 52(5), 688-707.

- Suh, E. M, (2019). Humility: A universal value with implications for business - Engaging Activist Administrators on Institutional Change. *Journal of Business Ethics*, 160(3), 623-635. Retrieved from: <https://thenoss.org/resources/Documents/Engaging%20Activist%20Administrators%20on%20Institutional%20Change.22.05.17.docx>
- Tangney, J. P, (2016). The development of humility. In D. K. Lapsley & F. C. Power (Eds.), *Self-Esteem, Identity, and Emotion: A Handbook for Therapists and Counsellors* (2nd ed, pp. 45-58). Routledge.
- Worthington, Jr., Everett L. (2018). Fine-tuning the Relationship between Religion and Intellectual Humility. *Journal of Positive Psychology*, 11(2), 155-167. DOI <https://doi.org/10.1177/0091647118807793>
- Wu, F., & Zhou, Q. (2023). Do ‘humble’ leaders help employees to perform better? Evidence from the Chinese public sector. *Australian Journal of Public Administration*, 00, 1–26. <https://doi.org/10.1111/1467-8500.12582>
- Yao, M., & Hao, M. (2020). The Influence of Paternalistic Leadership on Employee Innovation Behavior and New Venture Performance: The Moderating Effect of Leader Humility. *Sustainability*, 12(22), 9475. <https://doi.org/10.3390/su12229475>