

Leveraging Career Optimism to Enhance Employee Well-Being

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Abstract: Artificial intelligence is reshaping occupational structures, skill demands, and career pathways, increasing the importance of strategies that support workforce adaptability and long-term well-being. This study examines career optimism as a critical psychosocial resource that enables workers to navigate technological disruption while sustaining engagement, resilience, and perceived employability. Drawing on data from the 2024 University of Phoenix Career Optimism Index®, a nationally representative survey of 5,000 U.S. workers and 501 employers, the study analyzes organizational and regional factors associated with career optimism. Results indicate that career optimism is strongly associated with access to advancement opportunities, organizational support for skill development, financial stability, and perceptions of AI-related competencies. Workers who reported clear career pathways, internal mobility, and opportunities to apply newly acquired skills demonstrated higher optimism and stronger retention intentions. In contrast, limited reskilling opportunities and ambiguity surrounding career progression were linked to reduced confidence in future career prospects. AI readiness emerged as both an opportunity and a source of uncertainty, underscoring the need for human-centered learning infrastructures. By positioning career optimism as both an indicator of workforce sustainability and a strategic lever for innovation, this study contributes to well-being scholarship and offers suggestions and implications for organizations, educators, and policymakers seeking to cultivate resilient, future-ready labor markets.

Keywords: Artificial intelligence, Acquired skills, Career optimism, Employee well-being, Reskilling opportunities, Workforce sustainability.

INTRODUCTION

Artificial intelligence is fundamentally transforming how work is organized, how skills are developed, and how careers unfold. As AI-enabled technologies rapidly reshape occupational structures across industries, workers face growing uncertainty regarding job stability, advancement opportunities, and long-term employability. Beyond altering task composition, these technologies are redefining career pathways and accelerating the pace at which individuals must adapt to evolving professional roles. Consequently, organizations, educators, and policymakers are increasingly challenged to implement strategies that prepare the workforce not only to respond to disruption but also to sustain motivation, well-being, and confidence in future career prospects. Within this context, career optimism (Carkit, 2025) has emerged as a critical psychosocial resource that strengthens adaptive capacity, supports resilience, and enables workers to interpret technological change as both manageable and opportunity-rich rather than destabilizing. For example, organizations that adopt internal talent marketplaces, transparent promotion frameworks, and AI-supported career pathway tools create visible opportunity structures that convert skill development into realistic advancement trajectories.

Against this backdrop, career optimism reflects an individual's expectation that their career trajectory will remain positive, sustainable, and adaptive over time.

Characterized by confidence in future opportunities, active engagement with work, and resilience amid uncertainty, career optimism has been linked to enhanced well-being, proactive career behaviors, and long-term employability (Eva *et al.*, 2020; Lyons & Bandura, 2024; Richards & Weldon, 2025). As technological change accelerates, psychological resources such as optimism are increasingly recognized not as peripheral attributes but as central mechanisms supporting workforce adaptability. Understanding how career optimism functions within environments shaped by continuous disruption is therefore essential for anticipating the future of work.

The University of Phoenix Career Optimism Index®, introduced in 2021, provides a nationally representative assessment of career optimism among American workers, capturing perceptions related to economic volatility, organizational practices, and societal trends. The addition of employer perspectives in 2022 enabled comparative analyses of workforce expectations and organizational provisions, revealing persistent perception gaps with significant implications (Patil, 2025) for employee well-being and organizational sustainability (Index®, 2024, 2025). Findings from the 2025 administration highlight ongoing concerns related to career advancement opportunities, internal mobility, and confidence in long-term professional development, reinforcing the importance of career optimism as a barometer of workforce stability in periods of structural change.

From a well-being perspective, career optimism can be understood not only as an individual attitude but also as a systemic indicator of workforce sustainability.

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Linking annual Career Optimism Index® data to the top 20 U.S. designated market areas (DMA) offered insight into the broader economic value of career sustainability while aligning workforce well-being with global innovation priorities. This framing is consistent with the United Nations Sustainable Development Goals (UN SDG), particularly Goal 3 (Good Health and Well-Being), Goal 8 (Decent Work and Economic Growth), and Goal 9 (Industry, Innovation, and Infrastructure) (UN SDG, 2025). Investments in human capital—including skill development, autonomy-supportive leadership, and organizational learning infrastructures (Chuang, 2024)—therefore extend beyond individual outcomes to strengthen regional competitiveness and macroeconomic resilience.

Despite growing recognition of career optimism as a valuable workforce resource, empirical research integrating career optimism with regional economic indicators and AI-driven workforce transformation remains limited. Rapid advances in artificial intelligence are not only reshaping skill requirements (Tamayo *et al.*, 2023) but also redefining the relationship between technological innovation and human capability. While existing scholarship has examined career optimism at the individual or organizational level, comparatively little attention has been given to its broader economic significance across regional labor markets.

This study addresses this gap by examining Career Optimism Index® data across major U.S. designated market areas (DMA) to illuminate the relationship between workforce well-being, human capital investment, and economic sustainability. By positioning career optimism as both a psychological (Bandura, 1982; Lyons & Bandura, 2024) and economic construct, this research advances well-being scholarship and provides evidence to inform organizational strategy and policy responses to AI-driven labor market transformation.

LITERATURE REVIEW

Research on workforce well-being in periods of technological disruption highlights the interplay between individual psychological resources, organizational practices, and broader economic conditions. Within this literature, career optimism has emerged as a particularly salient construct, reflecting how workers interpret uncertainty, engage with change, and sustain confidence in their future employability. Recent studies suggest that career optimism is shaped by generational experiences, access to meaningful work, perceptions of flexibility and economic security, and opportunities for continuous skill development, particularly in AI-enabled workplaces.

Generational differences play a significant role in shaping expectations about work, identity, and well-being. Career optimism varies across cohorts, reflecting distinct values and adaptive strategies (World Economic Forum [WEF], 2023). Generation Z workers demonstrate a strong preference for meaningful and socially impactful work, often prioritizing purpose and contribution over traditional indicators of job security. In contrast, Generation X workers tend to emphasize stability and long-term financial preparedness. Differences between these cohorts are especially evident in responses to professional setbacks and uncertainty, with younger workers exhibiting greater adaptive flexibility and tolerance for change (American Psychological Association [APA], 2023; Deloitte, 2024). These distinctions underscore the importance of differentiated organizational support and career design strategies to sustain workforce engagement during periods of rapid technological transformation.

For example, organizations can implement phased retirement programs that allow late-career employees to gradually reduce work hours while maintaining partial income and benefits, thereby easing financial anxiety during periods of economic instability. Employers might also expand financial wellness initiatives—such as retirement planning services, inflation-adjusted savings guidance, and access to fiduciary advisors—to help mid- and late-career workers strengthen long-term economic security. At earlier career stages, student loan assistance, portable benefits, and structured career mobility pathways can mitigate financial uncertainty and foster optimism about future employment prospects. From a policy perspective, governments and institutions could incentivize flexible pension structures, support lifelong learning through subsidized reskilling programs, and promote wage insurance mechanisms that buffer workers against income shocks during labor market disruptions. Collectively, these strategies illustrate how life-course- and policy-sensitive approaches (Marku, 2024) can enhance workforce well-being while improving organizational resilience amid sustained economic uncertainty.

The accelerating diffusion of artificial intelligence (Marquis & Blake, 2024) has further intensified the importance of adaptive capacity and continuous skill development. Forecasts from the World Economic Forum (2023, 2024) indicate that reskilling and upskilling (Hasan *et al.*, 2024) will remain defining characteristics of employment through at least 2035. Findings from the 2025 Career Optimism Index® reveal alignment between employees and employers regarding the importance of transferable skills—such as communication, problem-solving, adaptability,

leadership, and creativity—alongside industry-specific technological competencies (Index®, 2024, 2025). Complementing these findings, the Organisation for Economic Co-operation and Development (OECD, 2024, 2025) emphasizes the growing significance of digital literacy (Sehgal *et al.*, 2025), information-processing, and socio-emotional skills as foundational to inclusive growth and worker well-being.

Despite organizational commitments to workforce development, notable perception gaps persist between employers and employees. While most U.S. employers report offering career development and internal mobility opportunities, the Index®, (2024, 2025) reports fewer employees perceive these opportunities as accessible or meaningful. At the same time, workers consistently express strong commitment to lifelong learning (Mpedi & Marwala, 2025), positioning upskilling as both an individual coping strategy (Ajayi & Udeh, 2024; North, 2025) and a collective policy imperative.

From a well-being perspective, career optimism functions as a future-oriented psychological asset (Lyons & Bandura, 2024; Sahu & Bajaj, 2025) that enables individuals to interpret disruption as manageable, maintain agency during transitions (Marquis & Blake, 2024) and sustain engagement amid uncertainty. Operating at the intersection of individual psychology, organizational design, and policy environments, career optimism (2024, 2025) has been described as a critical driver of employee well-being and productive engagement in innovation-driven economies. However, empirical research remains limited in addressing how career optimism can be intentionally leveraged (Marquis & Blake, 2024) to inform AI integration strategies, digital skill ecosystems, and human-centered redesign of organizational processes.

CONCEPTUAL RATIONALE AND THEORETICAL FOUNDATIONS

This study is grounded in systems theory, originally articulated by von Bertalanffy (1967), that explains the behavior of complex, interdependent systems through dynamic interactions among their components. Within organizational contexts, employees and employers function as interconnected subsystems whose behaviors and outcomes are shaped by socio-technical interactions. Systems theory emphasizes emergent properties (McKinney & Truss, 2025; Yadava *et al.*, 2025)—such as well-being and organizational resilience—that arise from these interactions.

To complement this systems-level perspective, the study integrates self-directed learning theory (Deci & Ryan, 2012; Ryan & Deci, 2000; Silamut & Petsangsri,

2020), which conceptualizes adult learning as an autonomous and intrinsically motivated process through which individuals manage their own learning trajectories. In contemporary workplaces, self-directed learning is increasingly supported through knowledge management systems that facilitate access to learning resources (Lyons & Bandura, 2024) and skill development opportunities. Career optimism is positioned within this framework as a strategic psychological (Bandura, 1982; McLeod, 2025) asset that supports adaptive responses to disruption, enabling individuals to sustain motivation and resilience during career transitions.

METHODOLOGY

Study Design

This study employed a cross-sectional survey design using the University of Phoenix Career Optimism Index® (2024, 2025) survey, incorporating responses for across the United States.

Participants

Participants included 5,000 U.S. adult workers and 501 U.S. employers recruited from each of the top 20 U.S. designated market areas (DMA) across the United States.

Eligibility Criteria

Employee participants were U.S. residents aged 18 years or older who were either currently employed or actively seeking employment. Employer participants were organizational leaders with hiring authority or workforce-related decision-making responsibilities.

Data Collection Procedure

Data were collected via a 20-minute online survey administered between March 2024 and April 2025 through a nationally representative online research panel. Oversamples of approximately 300 respondents were collected in each of the top 20 U.S. designated market areas to enable regional analysis. Survey items assessed perceptions of career development, skill acquisition, workplace support, and future-oriented career expectations.

Data Analysis

The University of Phoenix Career Institute® produced and analyzed the survey responses. All responses were anonymized and screened for completeness prior to analysis. Descriptive statistics summarized DMAs, presented in Table 1 in the Results section.

RESULTS

This section presents the primary empirical findings derived from the 2024-2025 administration of the

University of Phoenix Career Optimism Index®. Findings are organized thematically to enhance clarity.

Participant Overview

Table 1: Participant Demographics and Data Collection Overview

Sample Group	Description	Sample Size
Total Workforce	U.S. nationally representative adults (18+) currently working or seeking employment	n = 5,000 (MOE ±1.39%)
DMA Oversamples	Adults residing in the top 20 U.S. designated market areas (DMAs)	n = 300 per DMA
Employers	U.S. employers influential in hiring and workplace decision-making	n = 501

Note: Data collected from March 2024 through April 2025.

Career Optimism

Table 2: Career Optimism and Advancement Perceptions by DMA

DMA	Most Optimistic (%)	Least Optimistic (%)	Limited Ability to Advance Careers (%)
Washington DC	85	—	—
Miami	84	—	—
Phoenix	84	—	—
Detroit	—	74	—
New York City	—	74	—
Minneapolis	—	—	50
Philadelphia	—	—	49
Boston	—	—	48
National Average	—	—	38

Note: Workers in Washington DC, Miami, and Phoenix reported the highest levels of career optimism, whereas respondents in Detroit and New York City reported comparatively lower optimism. Conversely, workers in Minneapolis, Philadelphia, and Boston were the most likely to perceive limited opportunities for advancement and revealed that employees increasingly perceive AI-related competencies as a career advantage (Ramachandran *et al.*, 2024).

Financial Well-Being

Table 3: Financial Strain Indicators by DMA

DMA	Salary Not Keeping Pace with Inflation (%)	Can Afford Less Than Two Years Ago (%)
Detroit	48	41
Minneapolis	46	36
Tampa	—	46
National Average	38	42

Note: Financial strain emerged as a contextual factor influencing career perceptions. Workers in Detroit and Minneapolis were more likely than the national average to report that salary growth had not kept pace with inflation. Those in Tampa are the most likely to feel this way.

Career Mobility and Organizational Support

Table 4: Job Search Intentions and Internal Mobility

DMA	Actively Seeking / Expect to Seek New Job (%)	Employer Provides Internal Mobility (%)
Washington DC	55	49
Miami	54	—
Sacramento	53	—
Cleveland	—	47
Orlando	—	47

Note: Higher job-search intentions in several metropolitan areas suggest continued workforce fluidity despite strong employer demand.

Skilling and Retention

Table 5: Employer Skilling Gaps and Retention Intentions

DMA	Reskilling Opportunities Most Lacking (%) Compared to National Average	Employers Never Provide Specific Upskilling Opportunities (%) Compared to National Average	Would Stay if Employers Provided More Skilling (%)
Minneapolis	57	—	—
Tampa	57	—	—
Boston	55	45	—
New York City	—	45	—
Philadelphia	—	43	—
Chicago	—	43	—
Washington DC	—	—	76
Houston	—	—	74
National Average	39	32	—

Note: Access to skill development was strongly associated with retention intentions, with substantial majorities indicating they would remain with their employer if provided greater opportunities to apply new competencies. Workers reported a strong commitment to lifelong learning, positioning upskilling as a strategic imperative for sustaining employability and well-being (Index®, 2024, 2025; North, 2025). Upskilling encompassed both enhancing existing competencies and acquiring new skills, accelerating employees' proficiency in the face of technological change (Ajayi & Udeh, 2024).

Artificial Intelligence Competencies

Table 6: AI Support Needs and Perceived Career Advantage

DMA	Need More Support Learning AI Skills (%) Than National Average	AI Knowledge Career Advantage (%)	Self-Reported AI Knowledge (%) Compared to National Average
Washington DC	58	72	57
Denver	57	—	—
Sacramento	57	—	—
Atlanta	57	—	—
National Average	53	54	48

Note: Employees increasingly viewed AI competencies as a career advantage but reported uneven access to employer-sponsored training. However, employees also reported limited access to employer-sponsored AI training. More than half of workers indicated feeling career stagnation when organizational support—such as skill development, internal mobility, mentoring, or career guidance—was absent. These findings suggest that AI integration without corresponding human-centered learning leads to the erosion of critical skills and reduced learning outcomes.

Workplace Flexibility and Mental Health

Table 7: Perceived Mental Health Benefits of Flexible Work

DMA	Flexible Work Improves Mental Health (%)
Washington DC	82
National Average	69

Flexible work arrangements were widely perceived as beneficial to psychological well-being.

Summary

Unlike prior research that primarily conceptualizes optimism as a dispositional trait (e.g., personality characteristics [actions, thinking, feelings, related to situations]), this study identifies career optimism as institutionally scaffolded, emerging from access to opportunity structures, developmental infrastructure, and organizational transparency. This

reconceptualization shifts scholarly attention from individual resilience toward structurally enabled adaptability in technologically disrupted labor markets.

DISCUSSION

This study advances well-being scholarship by identifying career optimism as a structurally conditioned psychological capability that shapes how workers interpret and respond to technological change. Within this study, career optimism is conceptualized as a developable capability shaped by institutional context. The findings reinforce the view that workforce well-being emerges not solely from individual psychological resources but from the organizational and technological conditions that influence career adaptability and perceived future opportunity.

Reframing well-being as a capability embedded within organizational contexts shifts the focus from

maintaining individual resilience toward fostering collective growth, peer support, and sustained professional development (Hobfoll *et al.*, 2018; Kahn, 1990; Luthans *et al.*, 2007; UN SDG, 2025). This perspective is particularly salient as labor markets confront accelerating automation, evolving skill demands, and persistent economic uncertainty. As workplaces transition from industrial to digital paradigms (George, 2024), the traditional psychological contract—where loyalty and effort were presumed to yield advancement—has increasingly given way to expectations of adaptability, continuous learning, and demonstrable competencies (Lyons & Bandura, 2024; Pillans, 2024; van der Heijden, 2002). Emerging models such as flexpertise emphasize rapid skill acquisition as a prerequisite for career sustainability (Frie *et al.*, 2024; UN SDG, 2025; Yadava *et al.*, 2025). Similarly, frameworks such as PORTAL (Progression, Off-Loading, Relevance, Teachings, Advice, and Legacy) underscore the importance of cross-generational knowledge exchange in promoting career coherence and long-term employability (Deloitte, 2024; Generation@, 2024; North, 2025).

Collectively, these shifts suggest that career optimism is increasingly contingent upon access to learning ecosystems, organizational transparency, and opportunities for meaningful career progression. For example, organizations that implement internal talent marketplaces, transparent promotion criteria, and AI-enabled career path tools, create visible opportunity structures that help employees translate skill development into attainable advancement pathways.

While the importance of reskilling and upskilling is widely recognized within technology-driven labor markets, translating this priority into effective organizational practice remains complex. Challenges to effective workforce development include aligning training initiatives with rapidly evolving skill requirements (Mahdia, 2024; Rangarajan & Rubasree, 2024), implementing development modules that generate measurable competency gains (Sachan *et al.*, 2024), and leveraging artificial intelligence to personalize learning in ways that reflect employees' interests and existing capabilities (Ramachandran *et al.*, 2024). These constraints highlight that adaptive capacity is not solely an individual responsibility but also a structural outcome shaped by organizational investment and learning design. Accordingly, employers that integrate forward-looking skills analytics with AI-supported personalization may be better positioned to convert reskilling efforts into sustained workforce readiness. Although artificial intelligence is increasingly embedded in work processes, the psychological capacities that enable individuals to sustain optimism amid AI-driven disruption remain underexplored. Prior research indicates substantial variation in whether workers interpret AI as a threat or

an opportunity (Zirar *et al.*, 2023). This study advances emerging scholarship by positioning goal reengagement (Voigt & Strauss, 2025) capacity as a critical psychological resource shaping how individuals interpret AI-related career feedback.

Goal reengagement (Hu *et al.*, 2018), referred to as an antecedent or outcome of career behavior, involves workers responses to failure and subsequently psychological well-being. When workers perceive misalignment between existing career goals and evolving technological realities, those with stronger goal reengagement capacities are better positioned to disengage from unattainable objectives, reconstruct meaningful career pathways, and sustain psychological wellbeing and future-oriented optimism. This finding extends prior research on career behavior (Creed & Hood, 2014) by identifying a protective boundary condition that shapes adaptive responses to technological disruption and its associated wellbeing vulnerabilities (Creed & Blume, 2013; Tang *et al.*, 2023).

While goal reengagement is widely recognized as essential during major life disruptions (Wrosch & Scheier, 2020), its application to AI-mediated career contexts represents a meaningful theoretical contribution. In practice, adaptive capacity may be strengthened through structured career coaching, AI literacy programs, and short-cycle reskilling initiatives that help employees recalibrate goals as task requirements evolve. The results therefore suggest that adaptability is not solely skill-based but also motivational, requiring the capacity to recalibrate aspirations in response to shifting opportunity structures.

Digital skill development emerged as both a coping mechanism and a well-being enhancer. Employees' commitment to lifelong learning (van der Heijden, 2002) highlights the growing necessity for organizational and policy infrastructures that support equitable access to reskilling opportunities. Without such support, technological innovation may exacerbate insecurity and disengagement rather than cultivate career optimism.

These findings reinforce calls for learning-centered workforce systems in which continuous skill development is normalized as part of professional life rather than treated as an individual burden. Such learning ecosystems often include employer-funded partnerships with online education providers, and workload-adjusted learning time that enables employees to pursue development without sacrificing performance expectations. Systems of this kind are essential for sustaining employability and psychological stability in technology-intensive labor markets.

Human-centered organizational initiatives were associated with higher psychological capital and improved work performance (David *et al.*, 2024; Iqbal *et al.*, 2025; Lalchandani, 2024). However, the findings revealed persistent perception gaps between employers and employees regarding access to career development resources, internal mobility, mentoring, and leadership visibility (University of Phoenix, 2025). These disconnects represent missed opportunities to enhance both well-being and organizational effectiveness.

More than half of workers reported needing support in identifying career paths aligned with their skills and in setting attainable professional goals, underscoring the demand for clarity and structured guidance (Lyons & Bandura, 2024; University of Phoenix, 2025). Addressing these disparities through targeted talent management strategies—particularly those emphasizing upskilling and reskilling—may strengthen career optimism while promoting workforce sustainability (Kallidukkil & Jayaraj, 2024; UN SDG, 2025).

Investments in intangible assets, including human capital development, generate substantial organizational value by accelerating growth, reinforcing competitive advantage, and enhancing market positioning (World Health Organization, 2024) not merely a social imperative but a strategic one.

Career optimism is analytically distinct in its future-oriented evaluative focus compared to constructs such as career adaptability and psychological capital. Whereas adaptability reflects regulatory capacity and psychological capital reflects positive psychological resources, career optimism captures an individual's expectation that viable and meaningful career pathways remain attainable. The findings further suggest that these expectations are not formed in isolation but are shaped by institutional signals regarding opportunity, mobility, and developmental support. The interpretations are grounded in the study's empirical findings, which consistently indicated that perceived access to development and mobility predicted stronger future-oriented career evaluations.

Theoretical Implications

This study contributes to emerging scholarship on workforce well-being by reframing career optimism as a contextually embedded psychological capability rather than solely an individual disposition. In doing so, it bridges career development theory with well-being research and extends models of adaptability by emphasizing the institutional conditions that enable optimistic career orientation. Those models may

include organizational or system strategies designed to facilitate worker navigation in a dynamic environment. They include personal, cognitive and emotional capabilities (Bandura, 1992; Lyons & Bandura, 2024) and AI learning algorithms designed to reflect real-time changes (Wrosch & Schier, 2020) and employee adaptations over time.

Additionally, the identification of goal reengagement as a boundary condition in responses to AI, advances theoretical understanding of how workers regulate motivation (Wrosch *et al.*, 2013) amid technological disruption. Together, these insights shift scholarly attention from individual resilience toward structurally supported adaptability, offering a more integrative framework for examining well-being in rapidly evolving labor markets (Yadava *et al.*, 2025; Zhang & Jin, 2023). The findings suggest that institutional design is not merely operational but psychologically consequential, shaping how workers interpret their long-term employability.

Practical Implications

The findings offer insightful suggestions for organizations, policymakers, educators, and workforce planners seeking to sustain employee well-being amid accelerating technological change. Central to these implications is the recognition that career optimism functions not merely as an individual attitude but as a strategically cultivable organizational and systemic resource.

Organizations should transition from episodic development initiatives toward embedded career ecosystems that normalize continuous learning. Institutionalizing structured career conversations, mentoring networks, and transparent internal mobility pathways can reduce uncertainty while strengthening employee agency. Allocating protected time for skill development and aligning training with evolving organizational capabilities signals that adaptability is a shared responsibility rather than an individual burden.

Equally important is the integration of employees into AI adoption processes. Participatory implementation approaches—including employee advisory councils for AI deployment and cross-functional design teams that allow frontline workers to shape how automation augments rather than replaces human tasks—may mitigate technological anxiety while fostering psychological ownership and trust.

The results also reinforce the need to treat workforce well-being as a component of economic resilience. Public investment in reskilling ecosystems, credential portability, and digital literacy can buffer workers against displacement while strengthening

national competitiveness. For instance, several governments are piloting regulatory sandboxes for AI deployment that allow organizations to assess technologies while evaluating workforce impacts prior to large-scale implementation.

Educational institutions likewise play a foundational role in preparing learners for adaptive careers rather than static occupations. Modular credentials, stackable learning pathways, and industry-aligned curricula can enhance employability while reinforcing lifelong learning norms. Beyond technical proficiency, cultivating distinctly human capabilities—including critical thinking, collaboration, and social judgment—remains essential as automation expands.

Limitations

Several limitations should be considered when interpreting these findings. First, the study captures perceptions within a labor market undergoing rapid technological transformation; consequently, the relationships observed may evolve alongside advancements in AI capability, organizational redesign, and macroeconomic conditions. Second, reliance on self-reported measures introduces the possibility of perceptual bias, particularly in assessments of career optimism and developmental access. Future research incorporating multi-source or longitudinal data could strengthen causal inference. Third, contextual variation across industries, organizational sizes, and regulatory environments may shape how these dynamics manifest, warranting caution in generalizing the findings universally. Finally, the cross-sectional nature of the analysis limits insight into how career optimism develops over time. Because optimism is inherently future-oriented, longitudinal investigation is especially important for understanding its durability amid sustained technological disruption.

Future Research

This study opens several pathways for advancing well-being research. Longitudinal examination of career optimism is especially needed to determine whether it functions as a stable psychological resource or fluctuates in response to technological and economic shocks. Understanding these temporal dynamics would significantly deepen theoretical models of workforce adaptability. Future research should also investigate goal reengagement as a moderator between technological disruption and psychological outcomes, clarifying why some workers interpret AI as opportunity while others experience threat amplification. Comparative cross-national studies could further illuminate how policy regimes and workforce institutions shape optimism trajectories, helping distinguish universal drivers from context-specific influences. Additionally, scholars might

explore how learning cultures, internal labor markets, and human-centered AI strategies interact to sustain employee confidence in the future.

Integrating career optimism into broader frameworks of anticipatory governance may offer a powerful lens for evaluating whether emerging labor systems enable individuals not only to remain employable but to pursue meaningful and evolving career pathways.

CONCLUSION

As technological acceleration reshapes the architecture of work, sustaining workforce well-being will depend less on protecting workers from change and more on equipping them to navigate it. Career optimism emerges from this study as a critical adaptive resource—one cultivated not in isolation but through coordinated action across organizational systems, educational pipelines, and public policy.

Labor markets of the future will reward adaptability, yet adaptability itself is socially structured. Institutions that invest in human capability, transparent opportunity pathways, and learning-centered ecosystems will be best positioned to foster not only productive workers but resilient ones. In this sense, career optimism is more than a psychological state; it is an indicator of whether the future of work is being designed with humans in mind. This study reframes career optimism as psychologically and structurally enabled, positioned as a critical mechanism through which institutions shape workforce adaptability under conditions of technological disruption.

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CONFLICT OF INTEREST

The author reports no conflict of interest. The affiliation with the university did not affect the Optimism Index[®] studies conducted in 2024 or 2025.

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