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What Makes Work Meaningful — Or Meaningless

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What Makes Work Meaningful — Or Meaningless

New research offers insights into what gives work meaning — as well as into common management mistakes that can leave employees feeling that their work is meaningless.

BY CATHERINE BAILEY AND ADRIAN MADDEN



THE LEADING QUESTION

What factors create — or destroy — a sense of meaning in the workplace?

FINDINGS

- ▶ Meaningfulness at work tends to be something employees discover for themselves.
- ▶ Meaninglessness at work is often a result of how employees are treated.
- ▶ The challenge for leaders is to create an environment conducive to meaningfulness.

MEANINGFUL WORK IS something we all want. The psychiatrist Viktor Frankl famously described how the innate human quest for meaning is so strong that, even in the direst circumstances, people seek out their purpose in life.¹ More recently, researchers have shown meaningfulness to be more important to employees than any other aspect of work, including pay and rewards, opportunities for promotion, or working conditions.² Meaningful work can be highly motivational, leading to improved performance, commitment, and satisfaction.³ But, so far, surprisingly little research has explored where and how people find their work meaningful and the role that leaders can play in this process.⁴

We interviewed 135 people working in 10 very different occupations and asked them to tell us stories about incidents or times when they found their work to be meaningful and, conversely, times when they asked themselves, “What’s the point of doing this job?” We expected to find that meaningfulness would be similar to other work-related attitudes, such as engagement or commitment, in that it would arise purely in response to situations within the work environment. However, we found that, unlike these other attitudes, meaningfulness tended to be intensely personal and individual;⁵ it was often revealed to employees as they reflected on their work and its wider contribution to society in ways that mattered to them as individuals. People tended to speak

of their work as meaningful in relation to thoughts or memories of significant family members such as parents or children, bridging the gap between work and the personal realm. We also expected meaningfulness to be a relatively enduring state of mind experienced by individuals toward their work; instead, our interviewees talked of unplanned or unexpected moments during which they found their work deeply meaningful.

We were anticipating that our data would show that the meaningfulness experienced by employees in relation to their work was clearly associated with actions taken by managers, such that, for example, transformational leaders would have followers who found their work meaningful, whereas transactional leaders would not.⁶ Instead, our research showed that quality of leadership received virtually no mention when people described meaningful moments at work, but poor management was the top destroyer of meaningfulness.

We also expected to find a clear link between the factors that drove up levels of meaningfulness and those that eroded them. Instead, we found that meaningfulness appeared to be driven up and decreased by different factors. Whereas our interviewees tended to find meaningfulness for themselves rather than it being mandated by their managers, we discovered that if employers want to destroy that sense of meaningfulness, that was far more easily achieved. The feeling of “Why am I bothering to do this?” strikes people the instant a meaningless moment arises, and it strikes people hard. If meaningfulness is a delicate flower that requires careful nurturing, think of someone trampling over that flower in a pair of steel-toed boots. Avoiding the destruction of meaning while nurturing an ecosystem generative of feelings of meaningfulness emerged as the key leadership challenge.

The Five Qualities of Meaningful Work

Our research aimed to uncover how and why people find their work meaningful. (See “About the Research.”) For our interviewees, meaningfulness, perhaps unsurprisingly, was often associated with a sense of pride and achievement at a job well done, whether they were professionals or manual workers. Those who could see that they had fulfilled their potential, or who found their work creative, absorbing,

and interesting, tended to perceive their work as more meaningful than others. Equally, receiving praise, recognition, or acknowledgment from others mattered a great deal.⁷ These factors alone were not enough to render work meaningful, however.⁸ Our study also revealed five unexpected features of meaningful work; in these, we find clues that might explain the fragile and intangible nature of meaningfulness.

1. Self-Transcendent Individuals tended to experience their work as meaningful when it mattered to others more than just to themselves. In this way, meaningful work is self-transcendent. Although it is not a well-known fact, the famous motivation theorist Abraham Maslow positioned self-transcendence at the apex of his pyramid of human motivation, situating it beyond even self-actualization in importance.⁹ People did not just talk about themselves when they talked about meaningful work; they talked about the impact or relevance their work had for other individuals, groups, or the wider environment. For example, a garbage collector explained how he found his work meaningful at the “tipping point” at the end of the day when refuse was sent to recycling. This was the time he could see how his work contributed to creating a clean environment for his grandchildren and for future generations. An academic described how she found her work meaningful when she saw her students graduate at the commencement ceremony, a tangible sign of how her own hard work had helped others succeed. A priest talked about the uplifting and inspiring experience of bringing an entire community together around the common goal of a church restoration project.

2. Poignant The experience of meaningful work can be poignant rather than purely euphoric.¹⁰ People often found their work to be full of meaning at moments associated with mixed, uncomfortable, or even painful thoughts and feelings, not just a sense of unalloyed joy and happiness. People often cried in our interviews when they talked about the times when they found their work meaningful. The current emphasis on positive psychology has led us to focus on trying to make employees happy, engaged, and enthused throughout the working day. Psychologist Barbara Held refers to the current pressure to

ABOUT THE RESEARCH

Meaningful work is a topic that is receiving increased attention. However, relatively little empirical research investigates in depth what meaningful work actually means to individuals. To address this, we undertook an extensive review of the literature on meaningful work from various fields, including psychology, management studies, sociology, and ethics. Drawing on these findings, we defined meaningful work as arising “when an

individual perceives an authentic connection between work and a broader transcendent life purpose beyond the self.”ⁱ

To conduct our research, we wanted to garner insights from people in a wide range of work situations. We interviewed 135 individuals in 10 very different occupations and asked them about times when they found their work meaningful or meaningless. The occupational groups we studied were: retail assistants, priests from various

denominations, artists (including musicians, writers, and actors), lawyers, academics from science disciplines, entrepreneurs who had started their own business, nurses in an acute care hospital, soldiers, conservation stonemasons who were working on the preservation of an ancient cathedral, and garbage collectors. All data were collected in the U.K. We transcribed the interviews and coded them by theme to uncover patterns in how people view their work.

“accentuate the positive” as the “tyranny of the positive attitude.”¹¹ Traditionally, meaningfulness has been linked with such positive attributes.

Our research suggests that, contrary to what we may have thought, meaningfulness is not always a positive experience.¹² In fact, those moments when people found their work meaningful tended to be far richer and more challenging than times when they felt simply motivated, engaged, or happy. The most vivid examples of this came from nurses who described moments of profound meaningfulness when they were able to use their professional skills and knowledge to ease the passing of patients at the end of their lives. Lawyers often talked about working hard for extended periods, sometimes years, for their clients and winning cases that led to life-changing outcomes. Participants in several of the occupational groups found moments of meaningfulness when they had triumphed in difficult circumstances or had solved a complex, intractable problem. The experience of coping with these challenging conditions led to a sense of meaningfulness far greater than they would have experienced dealing with straightforward, everyday situations.

3. Episodic A sense of meaningfulness arose in an episodic rather than a sustained way. It seemed that no one could find their work consistently meaningful, but rather that an awareness that work was meaningful arose at peak times that were generative of strong experiences. For example, a university professor talked of the euphoric experience of feeling “like a rock star” at the end of a successful lecture. One actor we spoke to summed this feeling up well: “My God, I’m actually doing what I dreamt I could do; that’s kind of amazing.” Clearly, sentiments such as these are not sustainable over the course of even one single working day, let alone a longer period, but rather come and go over one’s

working life, perhaps rarely arising. Nevertheless, these peak experiences have a profound effect on individuals, are highly memorable, and become part of their life narratives.

Meaningful moments such as these were not forced or managed. Only in a few instances did people tell us that an awareness of their work as meaningful arose directly through the actions of organizational leaders or managers. Conservation stonemasons talked of the significance of carving their “banker’s mark” or mason’s signature into the stone before it was placed into a cathedral structure, knowing that the stone might be uncovered hundreds of years in the future by another mason who would recognize the work as theirs. They felt they were “part of history.” One soldier described how he realized how meaningful his work was when he reflected on his quick thinking in setting off the warning sirens in a combat situation, ensuring that no one at the camp was injured in the ensuing rocket attack. Sales assistants talked about times when they were able to help others, such as an occasion when a customer passed out in one store and the clerk was able to support her until she regained consciousness. Memorable moments such as these contain high levels of emotion and personal relevance, and thus become redolent of the symbolic meaningfulness of work.

4. Reflective In the instances cited above, it was often only when we asked the interviewees to recount a time when they found their work meaningful that they developed a conscious awareness of the significance of these experiences. Meaningfulness was rarely experienced in the moment, but rather in retrospect and on reflection when people were able to see their completed work and make connections between their achievements and a wider sense of life meaning.

One of the entrepreneurs we interviewed talked about the time when he was switching the lights out after his company's Christmas party and paused to reflect back over the year on what he and his employees had achieved together. Garbage collectors explained how they were able to find their work meaningful when they finished cleaning a street and stopped to look back at their work. In doing this, they reflected on how the tangible work of street sweeping contributed to the cleanliness of the environment as a whole. One academic talked about research he had done for many years that seemed fairly meaningless at the time, but 20 years later provided the technological solution for touch-screen technology. The experience of meaningfulness is therefore often a thoughtful, retrospective act rather than just a spontaneous emotional response in the moment, although people may be aware of a rush of good feelings at the time. You are unlikely to witness someone talking about how meaningful they find their job during their working day. For most of the people we spoke to, the discussions we had about meaningful work were the first time they had ever talked about these experiences.

5. Personal Other feelings about work, such as engagement or satisfaction, tend to be just that: feelings about work. Work that is meaningful, on the other hand, is often understood by people not just in the context of their work but also in the wider context of their personal life experiences. We found that managers and even organizations actually mattered relatively little at these times. One musician described his profound sense of meaningfulness when his father attended a performance of his for the first time and finally came to appreciate and understand the musician's work. A priest was able to find a sense of meaning in her work when she could relate the harrowing personal experiences of a member of her congregation to her own life events, and used that understanding to help and support her congregant at a time of personal tragedy. An entrepreneur's motivation to start his own business included the desire to make his grandfather proud of him. The customary dinner held to mark the end of a soldier's service became imbued with meaning for one soldier because it was shared with family members who were there to hear her army stories. One lawyer described how she found her work meaningful when

her services were recommended by friends and family and she felt trusted and valued in both spheres of her life. A garbage collector described the time when the community's water supply became contaminated and he was asked to work on distributing water to local residents; that was meaningful, as he could see how he was helping vulnerable neighbors.

Moments of especially profound meaningfulness arose when these experiences coalesced with the sense of a job well done, one recognized and appreciated by others. One example of many came from a conservation stonemason who described how his work became most meaningful to him when the restoration of a section of the cathedral he had been working on for years was unveiled, the drapes and scaffolding withdrawn, and the work of the craftsmen celebrated. This event involved all the masons and other trades such as carpenters and glaziers, as well as the cathedral's religious leaders, members of the public, and local dignitaries. "Everyone goes, 'Doesn't it look amazing?'" he said. "That's the moment you realize you've saved something and ensured its future; you've given part of the cathedral back to the local community."

These particular features of meaningful work suggest that the organizational task of helping people find meaning in their work is complex and profound, going far beyond the relative superficialities of satisfaction or engagement — and almost never related to one's employer or manager.

Meaninglessness: The Seven Deadly Sins

What factors serve to destroy the fragile sense of meaningfulness that individuals find in their work? Interestingly, the factors that seem to drive a sense of meaninglessness and futility around work were very different from those associated with meaningfulness. The experiences that actively led people to ask, "Why am I doing this?" were generally a function of how people were treated by managers and leaders. Interviewees noted seven things that leaders did to create a feeling of meaninglessness (listed in order from most to least grievous).

1. Disconnect people from their values. Although individuals did not talk much about value congruence as a promoter of meaningfulness, they often talked about a disconnect between their own

values and those of their employer or work group as the major cause of a sense of futility and meaninglessness.¹³ This issue was raised most frequently as a source of meaninglessness in work. A recurring theme was the tension between an organizational focus on the bottom line and the individual's focus on the quality or professionalism of work. One stonemason commented that he found the organization's focus on cost "deeply depressing." Academics spoke of their administrations being most interested in profits and the avoidance of litigation, instead of intellectual integrity and the provision of the best possible education. Nurses spoke despairingly of being forced to send patients home before they were ready in order to free up bed space. Lawyers talked of a focus on profits rather than on helping clients.

2. Take your employees for granted. Lack of recognition for hard work by organizational leaders was frequently cited as invoking a feeling of pointlessness. Academics talked about department heads who didn't acknowledge their research or teaching successes; sales assistants and priests talked of bosses who did not thank them for taking on additional work. A stonemason described the way managers would not even say "good morning" to him, and lawyers described how, despite putting in extremely long hours, they were still criticized for not moving through their work quickly enough. Feeling unrecognized, unacknowledged, and unappreciated by line or senior managers was often cited in the interviews as a major reason people found their work pointless.

3. Give people pointless work to do. We found that individuals had a strong sense of what their job *should* involve and how they *should* be spending their time, and that a feeling of meaninglessness arose when they were required to perform tasks that did not fit that sense. Nurses, academics, artists, and clergy all cited bureaucratic tasks and form filling not directly related to their core purpose as a source of futility and pointlessness. Stonemasons and retail assistants cited poorly planned projects where they were left to "pick up the pieces" by senior managers. A retail assistant described the pointless task of changing the shop layout one week on instructions from the head office, only to be told to change it back again a week later.

4. Treat people unfairly. Unfairness and injustice can make work feel meaningless. Forms of unfairness ranged from distributive injustices, such as one

stonemason who was told he could not have a pay raise for several years due to a shortage of money but saw his colleague being given a raise, to freelance musicians being asked to write a film score without payment. Procedural injustices included bullying and lack of opportunities for career progression.

5. Override people's better judgment. Quite often, a sense of meaninglessness was connected with a feeling of disempowerment or disenfranchisement over how work was done. One nurse, for example, described how a senior colleague required her to perform a medical intervention that was not procedurally correct, and how she felt obliged to complete this even against her better judgment. Lawyers talked of being forced to cut corners to finish cases quickly. Stonemasons described how being forced to "hurry up" using modern tools and techniques went against their sense of historic craft practices. One priest summed up the role of the manager by saying, "People can feel empowered or disempowered by the way you run things." When people felt they were not being listened to, that their opinions and experience did not count, or that they could not have a voice, then they were more likely to find their work meaningless.

6. Disconnect people from supportive relationships. Feelings of isolation or marginalization at work were linked with meaninglessness. This could occur through deliberate ostracism on the part of managers, or just through feeling disconnected from coworkers and teams. Most interviewees talked of the importance of camaraderie and relations with coworkers for their sense of meaningfulness. Entrepreneurs talked about their sense of loneliness and *meaninglessness* during the startup phase of their business, and the growing sense of *meaningfulness* that arose as the business developed and involved more people with whom they could share the successes. Creative artists spoke of times when they were unable to reach out to an audience through their art as times of profound meaninglessness.

7. Put people at risk of physical or emotional harm. Many jobs entail physical or emotional risks, and those taking on this kind of work generally appreciate and understand the choices they have made. However, *unnecessary* exposure to risk was associated with lost meaningfulness. Nurses cited feelings of vulnerability when left alone with aggressive patients; garbage collectors talked of

avoidable accidents they had experienced at work; and soldiers described exposure to extreme weather conditions without the appropriate gear.

These seven destroyers emerged as highly damaging to an individual's sense of his or her work as meaningful. When several of these factors were present, meaningfulness was considerably lower.

Cultivating an Ecosystem For Meaningfulness

In the 1960s, Frederick Herzberg showed that the factors that give rise to a sense of job satisfaction are not the same as those that lead to feelings of dissatisfaction.¹⁴ It seems that something similar is true for meaningfulness. Our research shows that meaningfulness is largely something that individuals find for themselves in their work,¹⁵ but meaninglessness is something that organizations and leaders can actively cause. Clearly, the first challenge to building a satisfied workforce is to avoid the seven deadly sins that drive up levels of meaninglessness.

Given that meaningfulness is such an intensely personal and individual experience that is interpreted by individuals in the context of their wider lives, can organizations create an environment that cultivates high levels of meaningfulness? The key to meaningful work is to create an ecosystem that encourages people to thrive. As other scholars have argued,¹⁶ efforts to control and proscribe the meaningfulness that individuals inherently find in their work can paradoxically lead to its loss.

Our interviews and a wider reading of the literature on meaningfulness point to four elements that organizations can address that will help foster an integrated sense of holistic meaningfulness for individual employees.¹⁷ (See “The Elements of a Meaningfulness Ecosystem.”)

1. Organizational Meaningfulness At the macro level, meaningfulness is more likely to thrive when employees understand the broad purpose of the organization.¹⁸ This purpose should be formulated in such a way that it focuses on the positive contribution of the organization to the wider society or the environment. This involves articulating the following:

- What does the organization aim to contribute? What is its “core business”?
- How does the organization aspire to go about

achieving this? What values underpin its way of doing business?

This needs to be done in a genuine and thoughtful way. People are highly adept at spotting hypocrisy, like the nurses who were told their hospital put patients first but were also told to discharge people as quickly as possible. The challenge lies not only in articulating and conveying a clear message about organizational purpose, but also in not undermining meaningfulness by generating a sense of artificiality and manipulation.¹⁹

Reaching employees in ways that make sense to them can be a challenge. A clue for addressing this comes from the garbage collectors we interviewed. One described to us how the workers used to be told by management that the waste they returned to the depot would be recycled, but this message came across as highly abstract. Then the company started putting pictures of the items that were made from recycled waste on the side of the garbage trucks. This led to a more tangible realization of what the waste was used for.²⁰

2. Job Meaningfulness The vast majority of interviewees found their work meaningful, whether they were musicians, sales assistants, lawyers, or garbage collectors. Studies have shown that meaning is so important to people that they actively go about recrafting their jobs to enhance their sense of meaningfulness.²¹ Often, this recrafting involves extending the impact or significance of their role for others. One example of this was sales assistants in a large retail store who listened to lonely elderly customers.

Organizations can encourage people to see their work as meaningful by demonstrating how jobs fit with the organization's broader purpose or serve a wider, societal benefit. The priests we spoke to often explained how their ministry work in their local parishes contributed to the wider purpose of the church as a whole. In the same way, managers can be encouraged to show employees what their particular jobs contribute to the broader whole and how what they do will help others or create a lasting legacy.²²

Alongside this, we need to challenge the notion that meaningfulness can only arise from positive work experiences. Challenging, problematic, sad, or poignant²³ jobs have the potential to be richly generative of new insights and meaningfulness, and

overlooking this risks upsetting the delicate balance of the meaningfulness ecosystem. Providing support to people at the end of their lives is a harrowing experience for nurses and clergy, yet they cited these times as among the most meaningful. The task for leaders is to acknowledge the problematic or negative side of some jobs and to provide appropriate support for employees doing them, yet to reveal in an honest way the benefits and broader contribution that such jobs make.²⁴

3. Task Meaningfulness Given that jobs typically comprise a wide range of tasks, it stands to reason that some of these tasks will constitute a greater source of meaningfulness than others.²⁵ To illustrate, a priest will have responsibility for leading acts of worship, supporting sick and vulnerable individuals, developing community relations and activities, and probably a wide range of other tasks such as raising funds, managing assistants and volunteers, ensuring the upkeep of church buildings, and so on. In fact, the priests were the most hard-working group that we spoke to, with the majority working a seven-day week on a bewildering range of activities. Even much simpler jobs will involve several different tasks. One of the challenges facing organizations is to help people understand how the individual tasks they perform contribute to their job and to the organization as a whole.

When individuals described some of the sources of meaninglessness they faced in their work, they often talked about how to come to terms with the tedious, repetitive, or indeed purposeless work that is part of almost every job. For example, the stonemasons described how the first few months of their training involved learning to “square the stone,” which involves chiseling a large block of stone into a perfectly formed square with just a few millimeters of tolerance on each plane. As soon as they finished one, they had to start another, repeating this over and over until the master mason was satisfied that they had perfected the task. Only then were they allowed to work on more interesting and intricate carvings. Several described their feelings of boredom and futility; one said that he had taken 18 attempts to get the squaring of the stone correct. “It feels like you are never ever going to get better,” he recalled. Many felt like giving up at this point,

THE ELEMENTS OF A MEANINGFULNESS ECOSYSTEM

Individuals can derive meaning from their job, from particular tasks in their work, from interactions with others, or from the purpose of the organization. Although it is possible for someone to describe meaningfulness at work in terms of just one of the four elements, meaningfulness is enriched when more than one is present in a job, and these four elements can combine to enable a state of holistic meaningfulness.



fearing that stonemasonry was not for them. It was only in later years, as they looked back on this period in their working lives, that they could see the point of this detailed level of training as the first step on their path to more challenging and rewarding work.

Filling out forms, cited earlier, is another good example of meaningless work. Individuals in a wide range of occupations all reported that what they perceived as “mindless bureaucracy” sapped the meaningfulness from their work. For instance, most of the academics we spoke to were highly negative about the amount of form filling the job entailed. One said, “I was dropping spreadsheets into a huge black hole.”

Where organizations successfully managed the context within which these necessary but tedious tasks were undertaken, the tasks came to be perceived not exactly as meaningful, but equally as not meaningless. Another academic said, “I’m pretty good with tedious work, as long as it’s got a larger meaning.”

4. Interactional Meaningfulness There is widespread agreement that people find their work meaningful in an interactional context in two ways:²⁶ First, when they are in contact with others who benefit from their work; and, second, in an environment of supportive interpersonal relationships.²⁷ As we saw earlier, negative interactional experiences — such as bullying by a manager, lack of respect or recognition, or forcing reduced

contact with the beneficiaries of work — all drive up a sense of meaninglessness, since the employee receives negative cues from others about the value they place on the employee's work.²⁸ The challenge here is for leaders to create a supportive, respectful, and inclusive work climate among colleagues, between employees and managers, and between organizational staff and work beneficiaries. It also involves recognizing the importance of creating space in the working day for meaningful interactions where employees are able to give and receive positive feedback, communicate a sense of shared values and belonging, and appreciate how their work has positive impacts on others.

Not surprisingly, the most striking examples of the impact of interactional meaningfulness on people came from the caring occupations included in our study: nurses and clergy. In these cases, there was very frequent contact between the individual and the direct beneficiaries of his or her work, most often in the context of supporting and healing people at times of great vulnerability in their lives. Witnessing firsthand, and hearing directly, about how their work had changed people's lives created a work environment conducive to meaningfulness. Although prior research²⁹ has similarly highlighted the importance of such direct contact for enhancing work's meaningfulness, we also found that past or future generations, or imagined future beneficiaries, could play a role. This was the case for the stonemasons who felt connected to past and future generations of masons through their bankers' marks on the back of the stones and for the garbage collectors who could envisage how their work contributed to the living environment for future generations.

Holistic Meaningfulness

The four elements of the meaningfulness ecosystem combine to enable a state of holistic meaningfulness, where the synergistic benefits of multiple sources of meaningfulness can be realized.³⁰ Although it is possible for someone to describe meaningful moments in terms of any one of the subsystems, meaningfulness is enriched when more than one or all of these are present.³¹ A sales assistant, for example, described how she had been working with a team on the refurbishment of her store: "We'd all been there until 2 a.m., working together moving stuff, everyone had contributed and stayed late and helped, it was a good

time. We were exhausted but we still laughed and then the next morning we were all bright in our uniforms, it was a lovely feeling, just like a little family coming together. The day [the store] opened, it did bring tears to my eyes. We had a little gathering and a speech; the managers said 'thank you' to everybody because everyone had contributed."

Finding work meaningful is an experience that reaches beyond the workplace and into the realm of the individual's wider personal life. It can be a very profound, moving, and even uncomfortable experience. It arises rarely and often in unexpected ways; it gives people pause for thought — not just concerning work but what life itself is all about. In experiencing work as meaningful, we cease to be workers or employees and relate as human beings, reaching out in a bond of common humanity to others. For organizations seeking to manage meaningfulness, the ethical and moral responsibility is great, since they are bridging the gap between work and personal life.

Yet the benefits for individuals and organizations that accrue from meaningful workplaces can be immense. Organizations that succeed in this are more likely to attract, retain, and motivate the employees they need to build sustainably for the future, and to create the kind of workplaces where human beings can thrive.

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REFERENCES

1. V.E. Frankl, "Man's Search For Meaning" (Boston: Beacon Press, 1959).
2. W.F. Cascio, "Changes in Workers, Work, and Organizations," vol. 12, chap. 16 in "Handbook of Psychology," ed. W. Borman, R. Klimoski, and D. Ilgen (New York: Wiley, 2003).
3. M.G. Pratt and B.E. Ashforth, "Fostering Meaningfulness in Working and at Work," in "Positive Organizational Scholarship," ed. K.S. Cameron, J.E. Dutton, and R.E. Quinn (San Francisco: Berrett-Koehler, 2003).
4. C. Bailey, R. Yeoman, A. Madden, M. Thompson, and G. Kerridge, "A Narrative Evidence Synthesis of Meaningful Work: Progress and Research Agenda" (paper to be presented at the U.S. Academy of Management

Conference, Anaheim, California, Aug. 5-9, 2016); and M.G. Pratt, C. Pradies, and D.A. Lepisto, "Doing Well, Doing Good, and Doing With: Organizational Practices For Effectively Cultivating Meaningful Work," in "Purpose and Meaning in the Workplace," ed. B.J. Dik, Z.S. Byrne, and M.F. Steger (Washington, D.C.: American Psychological Association, 2013), 173-196.

5. We have defined meaningful work as arising "when an individual perceives an authentic connection between their work and a broader transcendent life purpose beyond the self." See C. Bailey and A. Madden, "Time Reclaimed: Temporality and the Experience of Meaningful Work," *Work, Employment, & Society* (October 2015), doi: 10.1177/0950017015604100. Meaningfulness is therefore different from engagement, which is defined as a positive work-related attitude comprising vigor, dedication, and absorption. See W.B. Schaufeli, "What Is Engagement?," in "Employee Engagement in Theory and Practice," ed. C. Truss, K. Alfes, R. Delbridge, A. Shantz, and E. Soane (London: Routledge, 2014), 15-35.

6. K. Arnold, N. Turner, J. Barling, E.K. Kelloway, and M.C. McKee, "Transformational Leadership and Psychological Wellbeing: The Mediating Role of Meaningful Work," *Journal of Occupational Health Psychology* 12, no. 3 (July 2007): 193-203.

7. M. Lips-Wiersma and S. Wright, "Measuring the Meaning of Meaningful Work: Development and Validation of the Comprehensive Meaningful Work Scale," *Group & Organization Management* 37, no. 5 (October 2012): 665-685.

8. B.D. Rosso, K.H. Dekas, and A. Wrzesniewski, "On the Meaning of Work: A Theoretical Integration and Review," *Research in Organizational Behavior* 30 (2010): 91-127.

9. A. Maslow, "Motivation and Personality" (New York: Harper and Row, 1954).

10. H. Ersner-Hershfield, J.A. Mikels, S.J. Sullivan, and L.L. Carstensen, "Poignancy: Mixed Emotional Experience in the Face of Meaningful Endings," *Journal of Personality and Social Psychology* 94, no. 1 (January 2008): 158-167.

11. B.S. Held, "The Tyranny of the Positive Attitude in America: Observation and Speculation," *Journal of Clinical Psychology* 58, no. 9 (September 2002): 965-991.

12. J.S. Bunderson and J.A. Thompson, "The Call of the Wild: Zookeepers, Callings, and the Double-Edged Sword of Deeply Meaningful Work," *Administrative Science Quarterly* 54, no.1 (March 2009): 32-57.

13. S. Cartwright and N. Holmes, "The Meaning of Work: The Challenge of Regaining Employee Engagement and Reducing Cynicism," *Human Resource Management Review* 16, no. 2 (June 2006): 199-208.

14. F. Herzberg, "The Motivation-Hygiene Concept and Problems of Manpower," *Personnel Administrator* 27, no. 1 (1964): 3-7.

15. M. Lips-Wiersma and L. Morris, "Discriminating Between 'Meaningful Work' and the 'Management of Meaning,'" *Journal of Business Ethics* 88, no. 3 (September 2009): 491-511.

16. Ibid.

17. Ibid.

18. N. Chalofsky, "Meaningful Workplaces" (San Francisco: Wiley, 2010); and F.O. Walumbwa, A.L. Christensen, and M.K. Muchiri, "Transformational Leadership and Meaningful Work," in Dik, Byrne, and Steger, "Purpose and Meaning," 197-215.

19. J.M. Podolny, R. Khurana, and M. Hill-Popper, "Revisiting the Meaning of Leadership," *Research in Organizational Behavior* 26 (2004), doi:10.1016/S0191-3085(04)26001-4.

20. Organizational theorist Marya L. Besharov highlights the challenge of managing in an organizational setting where employees have differing views over which values matter the most and points out the "dark side" of seeking to impose a unitary organizational ideology on employees. Based on our research, we take the view here that in general terms employees welcome a broad statement of organizational purpose and values that gives them the space to interpret it in a way that is meaningful for them. See M.L. Besharov, "The Relational Ecology of Identification: How Organizational Identification Emerges When Individuals Hold Divergent Values," *Academy of Management Journal* 57, no. 5 (October 2014): 1485-1512.

21. A. Wrzesniewski and J.E. Dutton, "Crafting a Job: Revisioning Employees as Active Crafters of Their Work," *Academy of Management Review* 26, no. 2 (April 2001): 179-201; and J.M. Berg, J.E. Dutton, and A. Wrzesniewski, "Job Crafting and Meaningful Work," in Dik, Byrne, and Steger, "Purpose and Meaning," 81-104.

22. B.E. Ashforth and G.E. Kreiner, "Profane or Profound? Finding Meaning in Dirty Work," in Dik, Byrne, and Steger, "Purpose and Meaning," 127-150.

23. Held, "Tyranny of the Positive Attitude"; and Ersner-Hershfield et al., "Poignancy: Mixed Emotional Experience."

24. Lips-Wiersma and Morris, "Discriminating Between 'Meaningful Work.'"

25. A. Grant, "Relational Job Design and the Motivation to Make a Prosocial Difference," *Academy of Management Review* 32, no. 2 (2007): 393-417.

26. Lips-Wiersma and Wright, "Measuring the Meaning."

27. A. Grant, "Leading With Meaning: Beneficiary Contact, Prosocial Impact, and the Performance Effects of Transformational Leadership," *Academy of Management Journal* 55, no. 2 (April 2012): 458-476.

28. A. Wrzesniewski, J.E. Dutton, and G. Debebe, "Interpersonal Sensemaking and the Meaning of Work," *Research in Organizational Behavior* 25 (2003): 93-135.

29. Grant, "Leading With Meaning."

30. Lips-Wiersma and Wright, "Measuring the Meaning."

31. N. Chalofsky, "An Emerging Construct for Meaningful Work," *Human Resource Development International* 6, no. 1 (2003): 69-83.

i. Bailey and Madden, "Time Reclaimed: Temporality and the Experience."

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