#### **EDITORIAL**



# Eldercare and the Psychology of Work Behavior in the Twenty-First Century

Tracy L. Griggs 1 • Charles E. Lance 2 • Greg Thrasher 3 • Janet Barnes-Farrell 4 • Boris Baltes 5

Published online: 4 May 2019
© Springer Science+Business Media, LLC, part of Springer Nature 2019

#### **Abstract**

Over the next two decades, many countries, including the USA, will experience an unprecedented and seismic demographic transition as their older adult populations grow, both in number and as a proportion of the overall population. During this time, the number of working adults with eldercare responsibilities will grow substantially, posing a threat to the well-being and economic stability of both workers and their organizations. This phenomenon is a long anticipated symptom of the greater "eldercare crisis," yet the response of organizations to this impending change has been relatively slow, and the experiences of working caregivers remain an almost entirely neglected area of research in the organizational sciences. In this special issue, we begin a conversation with the IO/OB community regarding the importance of studying the experiences of caregivers and their employing organizations. We introduce six original research papers, which highlight various issues facing eldercarers and the implications of these findings for employees and their employers. We also summarize themes from across these and other published papers on eldercare, providing an overview and directions for future research on eldercare with the intention of springboarding more research on this critical and timely topic. We end with next steps for researchers and practitioners who wish to collaborate to bring about meaningful innovative solutions to this problem.

Today, nearly one in five employees is engaged in caregiving for an elderly spouse, family member, or friend (AARP, 2015) and as many as 60% of employed caregivers report that their eldercare responsibilities affect some part of their work experience (Fortinsky, 2011). Caregiving has been linked to adverse psychological and physiological health outcomes as well as declining attitudes and performance at work, and national studies of working caregivers suggest that organizations stand to lose billions of dollars per year to productivity declines, tardiness, absenteeism, and turnover among employees with eldercare responsibilities.

Silver Tsunami is the term used to describe the seismic wave of retiring baby boomers who will both need care and need to provide care for loved ones in the coming years. By the year

- Charles E. Lance clancephd@gmail.com
- Winthrop University, Rock Hill, SC, USA
- Organizational Research & Development, University of the Western Cape, Cape Town, South Africa
- Oakland University, Rochester, MI, USA
- <sup>4</sup> University of Connecticut, Storrs, CT, USA
- Wayne State University, Detroit, MI, USA

2030, nearly one in five (20%) adults will be aged 65 and older and the percentage of US workers caring for an elderly person is expected to triple (Knickman & Snell, 2002). Adding to this, a recent Pew Study (Parker, 2012) titled "Boomerang Generation" suggests that nearly 30% of Americans aged 24-35 continue to live with their parents. Thus, many adult workers are likely to find themselves "sandwiched" between, simultaneously caring for both children and their aging parents. Because of increasing life expectancies, as well as growing demands for an increasingly short supply of quality healthcare services, the cost of formal care for many families is likely to be prohibitive. Working adults, especially women, are likely to bear the brunt of informally caring for their aging parents while trying to successfully manage demands from work and other life roles (Bott, Sheckter, & Milstein, 2017). Despite the looming disruption to the employee-employer relationship as more employees take on caregiving roles, very little research in Industrial-Organizational Psychology/Organizational Behavior (IO/OB) has addressed the experiences of working elder caregivers.

Our symposium, "Caring for elders while working: Initial findings and future directions" (Griggs & Lance, 2017), was the only scheduled event on eldercare in the program at the 2017 conference for the Society for Industrial Organizational Psychology (SIOP). Based on a search of programs dating back to 2003, we believe it to be the only symposium in the history of SIOP to directly address the topic of informal eldercare in relation



to working caregivers and caregivers' employing organizations. In fact, our search revealed only one SIOP poster (i.e., Agosta, Ford, & Fei Jin, 2015), in the last 15 years to specifically address the topic of eldercare. Similarly, a search of the past 10 years of Academy of Management conference proceedings reveals only a handful of papers (i.e., Adkins & Premeauz, 2017; Bainbridge & Broady, 2017; Ferraris & Perry, 2016; and Greller, 2009) that directly explore topics related to informal eldercare. How did this widespread and apparently important topic come to be almost entirely neglected in mainstream IO/OB literature? This void is one that we sought to fill with our 2017 SIOP symposium.

Our symposium highlighted the increasing prevalence and importance of eldercare in contemporary society and the potential effects that providing eldercare may have on employed caregivers and their employing organizations (Griggs & Lance, 2017). Within this broad context, Thrasher, Bramble, Zabel, Wynne, and Baltes (2017) used latent profile analysis to identify four different forms (types) of caregiving relationships, each with its own set of contributing factors, structural characteristics, and implications for the eldercare recipients, their caregivers, and the caregivers' employing organizations, thus demonstrating that elder caregiving is not a unitary phenomenon. Dugan, Barnes-Farrell, Fortinsky, and Cherniak (2017) provided an initial review of the effects of various aspects of the caregiving role on employee well-being (e.g., anxiety, depression, resentment). Griggs, Lance, and Baranik (2017) examined how elements of social support and coping serve to buffer the effects of compromised physical and emotional health brought on by elder caregiving on subsequent non-participation in the workforce (i.e., turnover). And Jean and Bergman (2017) examined in detail how childcare and eldercare are very different phenomena along several important dimensions of caregiving responsibilities. This represented a first step toward our larger goal of introducing the topic of eldercare to the mainstream IO/OB community and stimulating additional research on this largely unexplored area of work-non-work relations.

While attendance was good and the SIOP symposium led to valuable insights and discussion, we realized that we had a long way to go in reaching in the larger IO/OB community. So, most of the symposium participants and some of the audience members repaired to one of the conference hotel's fine restaurants to continue our discussion on next steps over nachos, burritos, and other Mexican delicacies. One option that was proposed was for some of us to form an editorial team that would develop and eventually publish a special issue on eldercare for one of our IO/ OB journals. Given their focus on organizational sciences and their reputation as a top journal in the field, with consistent upward momentum in popularity among IO/OB researchers (Landers, 2018), Journal of Business and Psychology (JBP) was identified as a potentially receptive option. We pitched this idea at SIOP to JBP Editor, Steven Rogelberg, whose initial interest was piqued by the idea, and we were off.



In early May 2017, we submitted a formal proposal to JBP for a special issue on eldercare, which included a strong case for research in this area, including the relevance of eldercare to JBP readership, important questions that need to be answered related to eldercare, a list of known researchers and research centers conducting research on eldercare, a plan for our editorial process, and a list of qualified reviewers from whom we would solicit help. The Editor circulated it among several JBP Editorial Board members for review and evaluation. Responses were overwhelmingly and almost uniformly positive, e.g., "Fantastic topic.... Great set of editors. Love the pairing of junior and senior editors," "a timely and understudied topic," and "highly relevant to our aging workforce." As a result, we were given a green light to proceed and we did so by formulating a timeline with major milestones and their corresponding deadlines.

In early July 2017, we circulated our formal Call for Proposals in outlets that reflect the interdisciplinary nature of elder care research (e.g., Work Family Researchers Network, Gerontological Society of American, Sloan Center for Age and Work, SIOP, Academy of Management Careers Division, and others). By the proposal deadline in late August, we had received twenty-six, 750-word proposals that we considered for development into full-fledged submissions for peer review. Using criteria such as (a) fit with the mission of the special issue; (b) theoretical, conceptual, and practical relevance to eldercare issues in the context of work; (c) importance and incremental contribution; (d) methodological rigor, and (e) expectation that the project could be completed within our established timelines. we extended invitations to 13 (sets of) authors from 8 countries, ranging from Australia, to Hong Kong, to Finland, to Spain, Canada, and the USA, to develop their proposals into papers subject to JBP's normal peer review process. In the meantime, we assembled our international ad hoc Editorial Review Board, consisting of many of the world's top work-family and eldercare researchers, which are listed below.

Complete papers were received from all 13 author teams in mid-March 2018. After initial peer review, authors of seven of these papers were offered invitations to revise their papers based on the reviewers' and action editors' comments (one of which was later withdrawn by the authors for logistical reasons). Revised papers were received in September 2018 and in December 2018, we communicated our decisions to accept the six papers that follow for publication in our special issue.

### What Is in This Special Issue?

In what follows, you will find a diverse set of studies, researchers, and approaches to answer important questions concerning eldercare. The first paper by Clancy, Fisher, Daigle, Henle, McCarthy, and Fruhauf provides a conceptual



model and state-of-the-science review of the literature on eldercare and work. Next, Bramble, Duerk, and Baltes apply latent-profile analysis to identify sub-groups (i.e., types) of eldercare givers and the effect of group membership on work outcomes. Peng, Jex, Zhang, Ma, and Matthews use daily diary data to examine spillover effects of eldercare demands on the work-life interface, including time theft, at the week level. In a multistudy paper, Henle, Fisher, McCarthy, Prince, Mattingly, and Clancy investigate discrimination against job applicants due to the presence of eldercare responsibilities. Cheng, Jepsen, and Wang investigate the effect of eldercare on subjective well-being using a ten-wave sample of Australian national data. Finally, Halinski, Duxbury, and Stevenson (Halinski et al., Special Issue: Eldercare) apply role theory to examine the effects of objective and subjective metrics of caregiver burden on employee work and life outcomes.

While these papers are all very different, several themes related to the state of eldercare research can be drawn from them. First, the near absence of research on eldercare in IO/OB research is widely acknowledged, as is the growing prevalence of eldercare responsibilities among today's workforce. Second, the need for an expanded operationalization of eldercare in IO/OB research is also noted. Third, implications for both employees and organizations are plainly highlighted, although a review of these papers will reveal that we have only scratched the surface in validating the full nomological network of individual difference and organizational predictors and organizational and individual physical and psychological health outcomes related to eldercare. However, these papers do provide clear and compelling reasons, including some ethical, some legal, and some related to organizational performance, for investigating the impact of eldercare on both individual and organizational outcomes.

#### Where Do We Go from Here?

There is still much work to be done. In 2013, Calvano provided a review of the population of 31 studies relating to eldercare responsibilities and work outcomes, only five of which were published in what could be traditionally considered "mainstream" IO/OB journals. The six papers in this special issue of JBP more than doubles that total. The importance of eldercare issues as they relate to the IO/OB literature and the (perhaps surprising) absence of studies addressing them will ring clear as you read the articles in this special issue. It is our goal and hope to open up this frontier subfield of IO/OB literature and to stimulate additional scholarly work on this too-long ignored topic.

IO/OB researchers can contribute to our growing knowledge on the topic of eldercare in several critical areas. However, perhaps the biggest challenge facing an IO/OB researcher who may be interested in eldercare issues is the fact that "eldercare" is not a single coherent unified field of study; one will not properly enfold eldercare research into the psychology of work behavior by

**Table 1** Disciplines that study eldercare

Community psychology Education and counseling Epidemiology Family studies Gerontology (psychology of aging) Happiness/quality of life studies Health psychology and social behavior Industrial/employment relations IO/OB/HR Management Medicine Mental (dis)abilities (dementia) Nursing Palliative medicine Physical medicine and rehabilitation Popular news outlets (e.g., magazines, newspapers, blogs, TV and radio broadcasts) Psychiatry, geriatric Public policy Sociology and social work Women's studies

Clinical psychology

merely marrying the applied psychology and gerontology literatures. One needs to only examine the literature cited by Calvano (2013), Van Durme, Macq, Jeanmart, and Gobert (2012); Burch, Dugan, and Barnes-Farrell (2019); and Clancy et al. (Special Issue: Eldercare) to see that the "eldercare literature" is scattered throughout the diverse disciplines listed in Table 1, among others. A successful eldercare researcher cannot be parochial.

With this in mind, we present the following directions for IO/OB/HR newcomers who wish to pursue inquiry scholar-ship on eldercare:

## **Operationalizing and Measuring Eldercare**

First, and perhaps most important, is that we become clearer and more refined when operationalizing and measuring the construct of eldercare. It has been generally established in the literature that informal eldercare, also known as caregiving or eldercaring, applies when a person provides unskilled, uncompensated care to a "senior" who needs assistance (most commonly a family member such as a spouse or parent or to a friend or a neighbor; Shoptaugh, Phelps, & Visio, 2004; Smith, 2004). This care may entail meeting both the psychological and physiological needs of the recipient. For instance, the specific duties of caregiving may entail assistance with daily living (ADLs) such as bathing, grooming, toileting, preparing meals, and feeding, or, instrumental activities of daily living (IADLs; e.g., shopping for groceries and medications,



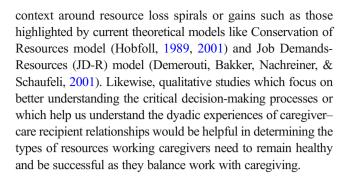
managing money, doing laundry, managing finances) which aid a recipient with independent living. While some of the literature operationalizes eldercare demands by the degree to which carers engage in ADLs and IADLs, much of previous research in IO/OB has simply treated eldercare as a binary and unidimensional variable (i.e., someone either provides care or they do not) (Calvano, 2013). When measuring eldercare demands, IO/OB research should consider the intensity (e.g., number of hours engaged in ADLs/IADLs), frequency (e.g., number of times per day/week), and duration (time in caregiving role) as these are likely to define boundary conditions for caregiving outcomes. For instance, Cheng et al. (Special Issue: Eldercare) finds that the binary distinction of providing care seems to yield a positive impact on caregiver well-being, but when number of hours is considered, the relationoship to well-being is negative.

Caregivers' subjective experiences in caregiving may play as important a role as do objective caregiving demands. In a review of published tools used to measure the impact of eldercare, Van Durme et al. (2012) reveal nearly two dozen specific dimensions which might be used to operationalize subjective perceptions related to the eldercare experience, including perceived burdens (e.g., caregiving task difficulty, overload), rewards (e.g., caregiving uplifts, satisfaction, meaning and mastery) coping strategies (e.g., caregiving social support, self-efficacy), and outcomes (e.g., caregiver well-being, grief).

The development of multidimensional caregiver/caregiving profiles such as those identified by Bramble et al. (Special Issue: Eldercare) is also promising and helps us to better understand how various constellations of variables may characterize and influence typical caregiver experiences. We still know relatively little about potentially meaningful differences in caretaking for different types of care recipients (e.g., the chronically or terminally ill vs. those with relatively short-term or acute healthcare needs) or how the types of needs being met by caregivers (e.g., physical, social/emotional, managerial, and spiritual) may differentially affect caregiver outcomes. This limits the validity with which we measure and generalize findings about caregiver experiences as well as what we can learn about alleviating the burdens or increasing rewards associated with these experiences.

# **Methodological Approaches**

Next, like much of the research in our field, most research on eldercare has been conducted using cross-sectional surveys. While these studies contribute to our understanding of individual differences in caregiver experiences, longitudinal and cross-lagged studies such as the study presented by Peng et al. (Special Issue: Eldercare) would be beneficial in understanding the evolution of individual caregiving experiences and the potential for changing needs of caregivers over time (Calvano, 2013). Studies which test feedback loops wherein outcomes of eldercare reciprocally impact predictors may provide greater



### **Work-Related Outcomes**

Papers published in this special issue and previous eldercare research highlight the impact of eldercare on employee stress and well-being outcomes (e.g., stress, role overload, work-life conflicts, depression; Pinquart & Sörensen, 2003) and workplace outcomes (e.g., time theft, maladaptive behavior changes at work, work engagement, performance; Peng et al., Special Issue: Eldercare; Calvano, 2013). But there are other outcomes that may be of interest to organizational researchers, such as the neglect of self-care while caregiving, physical and mental health declines, and other subjective and objective work outcomes (e.g., commitment, OCBs, benefits exhaustion, absenteeism, lost career opportunities, and workplace or workforce withdrawal behaviors) which may translate into decipherable financial losses to both individuals and their employers. Total workforce withdrawal also has major economic implications for individuals. For example, adults who opt out of work to perform eldercare experience an estimated \$303,000 in lost wages, pensions, and social security benefits. When this number is multiplied by the 9.7 million adults aged 50+ who are caring for the elderly, the economic impact to society is nearly \$3 trillion. This may be even greater if workers draw from public benefits due to unemployment (MetLife, 2011).

#### **Positive Outcomes from Eldercare**

The extent to which eldercare may lead to positive outcomes, perceived benefits or rewards and work-life enrichment should also be explored. Work-family enrichment (Greenhaus & Powell, 2006), or positive spillover, occurs when experiences in the work domain enhance or improve experiences in the family domain. Family—work enrichment occurs when involvement in a family role provides enhanced mood, feelings of support, or increased skills or competence, which helps an individual recharge, cope with stress, or increases confidence in one's role at work. Although eldercare has unique characteristics that distinguish it psychologically from other forms of family caregiving, studies of work-family enrichment suggest that positive experiences at home may spill over to work, influencing job satisfaction, affective commitment, and performance (McNall, Nicklin, & Masuda, 2009). These studies provide a starting point



for thinking about why and under what conditions eldercare can produce positive work outcomes for caregivers and for designing studies to examine these questions empirically. Studies should include mediation models to explore the specific processes (e.g., social support, improved self-efficacy, flexibility) by which eldercare leads to enhanced work outcomes and by which work experiences lead to enhanced caregiving outcomes.

# Individual Differences in Elder Caregiving Experiences and Outcomes

Research on individual differences in caregiver experiences has focused predominantly on gender and cultural differences, with strong evidence that despite the growing number of men helping with managerial tasks related to eldercare, across many cultures, women bear greater burden for eldercare, even for their in-laws. Cultural expectations regarding the burdens associated with caregiving may disproportionately affect female employees. Henle, et al. (Special Issue: Eldercare) suggests that female caretakers may be at a disadvantage in employment decisions, particularly when being evaluated for traditionally male-dominated jobs. Gender differences in perceived obligations to provide care, or in work and career outcomes from caregiving, should be further explored.

Finally, personality has been linked to coping and health in response to caregiving, explaining as much as a quarter of the variance in caregivers' mental health and about 10% of the variance in their physical health (Löckenhoff, Duberstein, Friedman, & Costa Jr., 2011). Personality has also been linked with how effectively workers may transition into and out of the caregiving role. But more can be done to explore the degree to which individual differences in core self-evaluations and coping styles may contribute to caregiver experiences.

# Resources Which May Buffer Stress of Caregiving Demands

Personal, occupational, and social resources should be further examined as means by which to reduce the demands or the effects of eldercare demands. For example, financial resources, occupational type, and job flexibility may represent job characteristics which help individuals manage the competing demands of work and caregiving. We know that compared to their white collar counterparts, blue collar workers are more likely to work physically demanding jobs and are less likely to be offered formal workplace benefits, which means they are more likely to take unpaid leave to handle eldercare demands (Peng et al., Special Issue: Eldercare).

Much of the work–family research in recent years has explored the impact of informal support on work–family conflict. We suggest that research further explore the impact of eldercare-specific social support from work (e.g., eldercare-supportive supervisor behavior, eldercare support from coworkers, and

eldercare-supportive organizational culture) as well as eldercare-specific support from family (spouse/partner, children, extended family) and community (e.g., neighbors, friends, church, community) on caregiver experiences and outcomes.

# **What Formal Organizational Interventions Will Work?**

Perhaps one of the most important questions for organizational researchers is how organizations can help. Few studies have examined the efficacy of organizational interventions for employed caregivers. While we know researchers are working in this area, we do not yet have a clear picture about how organizations can or should proceed. Researchers should examine the impact of informal (e.g., family supportive supervisory behaviors) and formal workplace policies and or benefits (e.g., stress management, family caregiving information, education and planning, eldercare referrals, workplace affinity groups for caregivers, eldercare subsidies, preventative healthcare, retirement planning) on individual and work outcomes for caregivers. One approach that may help in this area is for researchers to develop models of stress and coping for caregivers, and to describe decision-making related to employee resource allocation, caregiving choices (e.g., Kossek, Colquitt, & Noe, 2001), and financial/retirement planning, which could be used to inform and educate caregivers and their employers.

#### **Research and Practice Should Take a Wide Lens**

Like other topics at the work—family interface, a broad conceptual approach to scholarship and practice for elder caregivers will almost certainly require us to examine the influence of factors from various life domains (i.e., work, family, community) and to consider the impact and interests of various stakeholders (organizations, individuals, families, society).

Taking lessons from other countries about how they are handling the eldercare crisis may prove beneficial. A 2016 special section in *Ageing International* on eldercare in Asia (Hinton & Chen, 2016) suggests that at least in Asian countries, ownership for support of working elder-caregivers is not yet determined. Government organizations, families, community religious and social organizations, healthcare organizations, and workplaces may all bear some burden in supporting employed caregivers. These researchers call for a more collaborative and integrative societal approach to supporting family-based informal eldercare in Asia and abroad.

We urge employers not to sit and wait before determining their role in helping employees manage their eldercare responsibilities. The time has come. The business case has long been made for helping employees to manage work and family responsibilities, to reduce conflict and stress, and to improve engagement and performance at work. Creative, innovative, and collaborative investments in eldercare interventions are likely to reap



great benefits for employees and employers. We encourage practitioners to join conversations about best practices, to develop partnerships with government and community organizations, and to create avenues for research on interventions and organizational support for eldercarers. One way to do this is to collaborate with researchers in conference symposia related to workplace interventions. Intervention research stands to greatly improve the contributions of applied psychologists and OB practitioners in the field of work–family research (see Kossek, Baltes, & Matthews, 2011), and it will be in working together that we can have the greatest positive influence on the lives of working caregivers.

### **Thanks to Our Reviewers**

As a final note, we wish to extend our sincere gratitude to the ad hoc Editorial Board for their invaluable support of our efforts toward producing this special issue. We could never have done it without you!

# Ad Hoc Editorial Board for the Special Issue on Eldercare and Work

Tammy Allen, University of South Florida Carrie Bulger, Quinnipiac University Malissa Clark, University of Georgia Julie Christie, University of Maryland Caitlin Demsky, Oakland University Lillian Eby, University of Georgia Gwenith Fisher, Colorado State University Yseult Freeney, Dublin City University Kimberly French, Georgia Institute of Technology Leslie Hammer, Portland State University Julie Holiday Wayne, Wake Forest University Jackie James, Boston College Ellen Kossek, Purdue University. JoAnn Lee, University of North Carolina, Charlotte Russell Matthews, University of Alabama Jessica Nicklin, University of Hartford Marci Pitt-Catsouphes, Boston University Cort Rudolph, St. Louis University Kristin Shockley, University of Georgia Ken Shultz, Cal State—San Bernardino Harvey Sterns, University of Akron Lisa van der Werff, Dublin City University Hoda Vaziri, Purdue University Kevin Wynne, University of Baltimore Hannes Zacher, University of Leipzig

#### References

- AARP Public Policy Institute and National Alliance for Caregiving. (2015). Caregiving in the U.S. research report. Washington, DC: National Alliance for Caregiving and AARP Public Policy Institute Retrieved from https://www.aarp.org/content/dam/aarp/ppi/2015/caregiving-in-the-united-states-2015-report-revised.pdf. Accessed 15 May 2017.
- Adkins, C., & Premeauz, S. (2017). *Managing the work-life interface across time: A cybernetic model*. Paper presented at the meeting of the Academy of Management, Atlanta, GA.
- Agosta, J., Ford, M., & Fei Jin, J. (2015). Culture, elder-care, interrole transitions, and work-family conflict: A U.S.-Chinese comparison. Paper presented at the meeting of the Society for Industrial-Organizational Psychology, Philadelphia, PA.
- Bainbridge, H. & Broady, T. (2017). Availability and use of supportive practices for employees with a non-work informal caregiving role. Paper presented at the meeting of the Academy of Management, Atlanta. GA.
- Bott, N. T., Sheckter, C. C., & Milstein, A. S. (2017). Dementia care, women's health, and gender equity: The value of well-timed caregiver support. *JAMA Neurology*, 74, 757–758.
- Bramble, R. J., Duerk, E. K., Baltes, B. B. (2019). Finding the Nuance in Eldercare Measurement: Latent Profiles of Eldercare Characteristics [Special issue]. Journal of Business and Psychology. https://doi.org/10.1007/s10869-019-09616-z
- Burch, K. A., Dugan, A. G., & Barnes-Farrell, J. L. (2019). Understanding what eldercare means for employees and organizations: A review and recommendations for future research. Work, Aging and Retirement, 5, 44–72.
- Calvano, L. (2013). Tug of war: Caring for our elders while remaining productive at work. Academy of Management Perspectives, 27, 204–218
- Cheng, Z., Jepsen, D. M., Wang, B. Z. (2019). A Dynamic Analysis of Informal Elder Caregiving and Employee Wellbeing [Special issue]. Journal of Business and Psychology. https://doi.org/10.1007/ s10869-018-9603-4
- Clancy, R. L., Fisher, G. G. (2019). Eldercare and Work Among Informal Caregivers: A Multidisciplinary Review and Recommendations for Future Research [Special issue]. Journal of Business and Psychology, https://doi.org/10.1007/s10869-018-9612-3
- Demerouti, E., Bakker, A. B., Nachreiner, F., & Schaufeli, W. B. (2001). The job demands resources model of burnout. *Journal of Applied Psychology*, 86, 499–512.
- Dugan, A. G., Barnes-Farrell, J. L., Fortinsky, R. H., & Cherniak, M. G. (2017). Acquired and persistent eldercare demands: Impact on worker well-being. Paper presented at the meeting of the Society for Industrial and Organizational Psychology, Orlando, FL.
- Ferraris, D., & Perry, E., (2016). Impact of providing eldercare on employee perceptions and outcomes: A matter of stereotype violation. Paper presented at the meeting of the Academy of Management, Anaheim, CA.
- Fortinsky, R. (2011). Juggling work and eldercare responsibilities. The National Institute for Occupational Safety and Health CPH News Views, 20, 1–2. Retrieved from: https://www.uml.edu/docs/CPH% 20News%20and%20Views%20Issue%2020\_tcm18-40726.pdf. Accessed 15 May 2017.
- Greenhaus, J. H., & Powell, G. H. (2006). When work and family are allies: A theory of work-family enrichment. Academy of Management Review, 31(4), 72–92.



Greller, M. (2009). The response to an aging workforce: Unacknowledged differences among objectives and stakeholders. Paper presented at the meeting of the Academy of Management, Chicago, IL.

- Griggs, T. L., & Lance, C. E. (2017). Caring for elders while working: Initial findings and future directions. Symposium presented at the meeting of the Society for Industrial and Organizational Psychology, Orlando, FL.
- Griggs, T. L., Lance, C. E., & Baranik, L. (2017). Predictors of job turnover among informal caregivers. Paper presented at the meeting of the Society for Industrial and Organizational Psychology, Orlando, FL.
- Halinski, M., Duxbury, L., Stevenson, M (2019). Causes and Consequences of Family-Role Overload for Employed Caregivers: The Role of Caregiver Type [Special issue]. Journal of Business and Psychology. https://doi.org/10.1007/s10869-019-09617-y
- Henle, C. A., Fisher, G. G., McCarthy, J. (2019). Eldercare and Childcare: How Does Caregiving Responsibility Affect Job Discrimination [Special issue]? Journal of Business and Psychology. https://doi. org/10.1007/s10869-019-09618-x
- Hinton, L., & Chen, H. (2016). Introduction to the special section: Eldercare in Asia: A call for policy development beyond traditional family care. *Ageing International*, *41*, 331–334.
- Hobfoll, S. (1989). Conservation of resources. A new attempt at conceptualizing stress. American Psychologist, 44, 513–524.
- Hobfoll, S. E. (2001). The influence of culture, community, and the nested-self in the stress process: Advancing conservation of resources theory. Applied Psychology. An International Review, 50, 337–421.
- Jean, V. A., & Bergman, M. E. (2017). Eldercare and childcare: Different caregiving experiences. Paper presented at the meeting of the Society for Industrial and Organizational Psychology, Orlando, FL.
- Knickman, & Snell. (2002). The 2030 problem: Caring for aging baby boomers. Health Services Research, 37, 849–884.
- Kossek, E., Colquitt, J., & Noe, R. (2001). Caregiving decisions, well-being, and performance: The effects of place and provider as a function of dependent type and work-family climates. *The Academy of Management Journal*, 44, 29–44.
- Kossek, E. E., Baltes, B. B., & Matthews, R. A. (2011). Innovative ideas on how work–family research can have more impact. *Industrial and Organizational Psychology: Perspectives on Science and Practice*, 4, 426–432.
- Landers, R. N. (2018). Journal popularity among I-O psychology academics. NeoAcademic. Retrieved on January 22, 2019 from http://neoacademic.com/2018/02/26/journal-popularity-ioacademics/.
- Löckenhoff, C. E., Duberstein, P. R., Friedman, B., & Costa, P. T., Jr. (2011). Five-factor personality traits and subjective health among caregivers: The role of caregiver strain and self-efficacy. *Psychology and Aging*, 26, 592–604.
- McNall, L. A., Nicklin, J. M., & Masuda, A. D. (2009). A meta-analytic review of the consequences associated with work–family enrichment. *Journal of Business and Psychology*, 25, 381–396.
- MetLife. (2011). The MetLife study of caregiving costs to working caregivers: Double jeopardy for baby boomers caring for their parents. MetLife Mature Market Institute, National Alliance for Caregiving, and Center for Long Term Care Research and Policy. Retrieved from <a href="http://www.caregiving.org/wp-content/uploads/2011/06/mmicaregiving-costsworking-caregivers.pdf">http://www.caregiving.org/wp-content/uploads/2011/06/mmicaregiving-costsworking-caregivers.pdf</a>. Accessed 15 May 2017.
- Parker, K. (2012). The boomerang generation: Feeling okay about living with mom and dad. Pew Research Center Social and Demographic Trends Report, Washington, D.C.: Pew Research Center. Retrieved

- from http://www.pewsocialtrends.org/2012/03/15/the-boomerang-generation/#. Accessed 19 May 2017.
- Peng, Y., Jex, S., Zhang, W., Ma, J. (2019). Eldercare Demands and Time Theft: Integrating Family-to-Work Conflict and Spillover-Crossover Perspectives [Special issue]. Journal of Business and Psychology. https://doi.org/10.1007/s10869-019-09620-3
- Pinquart, M., & Sörensen, S. (2003). Differences between caregivers and noncaregivers in psychological health and physical health: A metaanalysis. *Psychology and Aging*, 18, 250–267.
- Shoptaugh, C., Phelps, J., & Visio, M. (2004). Employee eldercare responsibilities: Should organizations care? *Journal of Business and Psychology*, 19, 179–196.
- Smith, P. (2004). Elder care, gender, and work: The work-family issue of the 21st century. *Berkeley Journal of Employment and Labor Law*, 25, 351–399.
- Thrasher, G. R., Bramble, R. J., Zabel, K. L., Wynne, K. T., & Baltes, B. B. (2017). Who engages in eldercare? A person-centered perspective of eldercare participants. Paper Symposium presented at the meeting of the Society for Industrial and Organizational Psychology, Orlando, FL.
- Van Durme, T., Macq, J., Jeanmart, C., & Gobert, M. (2012). Tools for measuring the impact of informal care of the elderly: A literature review. *International Journal of Nursing Studies*, 49, 490–504.

**Publisher's Note** Springer Nature remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.

**Tracy L. Griggs** is an assistant professor in the Department of Management at Winthrop University in Rock Hill, SC. Her research examines work—life issues for underrepresented populations, including low-income and ethnically diverse populations. Her interest in eldercare grew out of her work on the Family Relationships in Late Life Project (FRILL), which documents the experiences of caregivers and care recipients in home dwelling eldercare situations. Tracy is also interested in understanding financial and role negotiation strategies used by working adults who care for both children and elders, particularly in low-income families, and the impact eldercare has on work and well-being.

Charles E. Lance is extraordinary professor of psychology at University of the Western Cape, principal—Organizational Research and Development, and professor emeritus—University of Georgia (UGA). He has published over 100 articles and four edited books, two (with Bob Vandenberg) on Statistical and Methodological Myths and Urban Legends. He was co-investigator on the University of Georgia's Family Relations in Late Life projects (FRILL-I and FRILL-II, 1997–2009) and has published on risk factors for potentially harmful caregiver behaviors, theory and measurement of quality of eldercare, and methodological issues in eldercare research in outlets such as Journal of the American Geriatrics Society, Rehabilitation Psychology, Psychology and Aging and Physical illness and depression in older adults: A handbook of theory, research and practice.

Greg Thrasher is currently a second-year faculty in the management department at Oakland University in Rochester Hills, MI. His interest in the aging workforce began as a graduate fellow of the Wayne State Institute of Gerontology. Greg's focus on eldercare grew from researching issues surrounding the work–family domain across the lifespan. His current projects ask questions about how eldercare influences retirement plans, the role of eldercare in gender differences in work–family conflict across the lifespan, and how leadership can help support individuals who are engaging in eldercare.



Janet Barnes-Farrell is professor of psychological sciences at the University of Connecticut. Dr. Barnes-Farrell's fields of expertise include aging and work, the interface between work and other life domains, and the measurement of work performance and work attitudes. Her research focuses primarily on psychosocial aspects of work and aging and on the process and consequences of work–life balance for workers and organizations, with special emphasis on the work–life concerns of older workers. Janet's research on topics relating to the health and well-being of our aging workforce has appeared in numerous edited volumes and professional journals, and she serves on the editorial boards of several interdisciplinary and I/O journals including Journal of Business and Psychology; Journal of Managerial Psychology; Journal of Occupational Health Psychology; Occupational Health Science; and Work, Aging, and Retirement

Boris Baltes is associate provost for Faculty Affairs and professor of psychology at Wayne State University (WSU). Before joining the Provost's office, he served as Chair of the Department of Psychology at WSU. His major research interests include examining biases in performance appraisal, age, and workplace issues as well as work—family conflict/balance. His work, including over 70 publications and chapters, has appeared in many journals including the *Journal of Applied Psychology, Organizational Behavior and Human Decision Processes, Journal of Management*, and the *Journal of Organizational Behavior*. He is a guest editor for the *Journal of Organizational Behavior* and is on the editorial board of various journals. He is also a fellow of the Society for Industrial/Organizational Psychology (a division of the American Psychological Association).

