

# A New Look at Social Support: A Theoretical Perspective on Thriving Through Relationships

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Brooke C. Feeney<sup>1</sup> and Nancy L. Collins<sup>2</sup>

## Abstract

Close and caring relationships are undeniably linked to health and well-being at all stages in the life span. Yet the specific pathways through which close relationships promote optimal well-being are not well understood. In this article, we present a model of thriving through relationships to provide a theoretical foundation for identifying the specific interpersonal processes that underlie the effects of close relationships on thriving. This model highlights two life contexts through which people may potentially thrive (coping successfully with life's adversities and actively pursuing life opportunities for growth and development), it proposes two relational support functions that are fundamental to the experience of thriving in each life context, and it identifies mediators through which relational support is likely to have long-term effects on thriving. This perspective highlights the need for researchers to take a new look at social support by conceptualizing it as an interpersonal process with a focus on thriving.

## Keywords

relationships, social support, growth, thriving, resilience, safe haven, secure base, source of strength, relational catalyst, attachment

My mission in life is not merely to survive, but to thrive; and to do so with some passion, some compassion, some humor, and some style. Surviving is important. Thriving is elegant.

—Maya Angelou

In recent years, there has been a dramatic increase in the scientific study of well-being and positive aspects of mental health (e.g., Deci & Ryan, 2000; Diener, Lucas, & Scollon, 2006; Keyes, 2005, 2007; Lyubomirsky, Sheldon, & Schkade, 2005; Ryff & Singer, 1998, 2008; Seligman, 2002, 2008), and although theoretical models differ in how they define optimal well-being, they all agree that deep and meaningful close relationships play a vital role in human flourishing. A large body of empirical work supports this view, showing that people who are more socially integrated and who experience more supportive and rewarding relationships with others have better mental health, higher levels of subjective well-being, and lower rates of morbidity and mortality (e.g., Cohen, 2004; Cohen & Syme, 1985; Collins, Dunkel-Schetter, Lobel, & Scrimshaw, 1993; Kawachi & Berkman, 2001; Lakey & Cronin, 2008; G. E. Miller et al., 2011; B. R. Sarason, Sarason, & Gurung, 1997; Seeman, 2000; Uchino, 2009; Uchino, Cacioppo, & Kiecolt-Glaser, 1996; Vaux, 1988). Especially notable, a meta-analysis (Holt-Lunstad & Smith, 2012) shows that being socially integrated in a

network of meaningful relationships predicts mortality more strongly than many lifestyle behaviors (e.g., smoking, physical activity) that have been the focus of national health care campaigns. On the basis of these results, Holt-Lunstad and Smith (2012) suggest that public health campaigns should focus on helping people to cultivate high-quality relationships. But what would such a campaign look like? What specific features of relationships should be targeted? Unfortunately, the mechanisms linking relationships to health, and the specific features of relationships that should be cultivated, are not well understood.

There are several reasons for this gap in the literature. First, research on relationships and health has not been well-integrated with research and theory on close relationships. Most of the empirical work linking relationships to health and well-being conceptualizes social relations in terms of individuals' general reports of their marital status, social networks, social integration, and perceived social support (e.g., Antonucci, Okorodudu, & Akiyama, 2002; Diener, Suh,

<sup>1</sup>Carnegie Mellon University, Pittsburgh, PA, USA

<sup>2</sup>University of California, Santa Barbara, CA, USA

## Corresponding Author:

Brooke C. Feeney, Carnegie Mellon University, 5000 Forbes Ave., Pittsburgh, PA 15213, USA.

Email: bfeeney@andrew.cmu.edu

Lucas, & Smith, 1999; Helgeson, 1993; Hughes, Waite, Hawkey, & Cacioppo, 2004; Lang & Carstensen, 1994; Ryff, 1989; Uchino et al., 1996). With few exceptions (e.g., Burman & Margolin, 1992; Kiecolt-Glaser & Newton, 2001; Pietromonaco, Uchino, & Dunkel Schetter, 2013), researchers have not considered specific dyadic behaviors or interaction patterns that underlie the effects of social relations on health and well-being, or the mechanisms through which these effects occur (see Uchino, Bowen, Carlisle, & Birmingham, 2012, for further elaboration of this point). As a result, we know relatively little about *how* relationships promote or hinder thriving.

Second, research on relationships and health has focused almost exclusively on the importance of supportive relationships in the context of stress or adversity. Although stress buffering is important (Cobb, 1976; Cohen & Wills, 1985), there is also strong evidence for a main effects model of social support, indicating that close relationships are tied to well-being even in the absence of specific stressors (Lakey & Orehek, 2011). Close relationships promote well-being in many ways, not just as a resource in times of adversity. Yet decades of research on social support has all but ignored another life context in which relationships can protect and enhance well-being—by enabling individuals to fully participate in life's opportunities for growth and development in the absence of adversity.

Finally, research on social support has conceptualized health primarily in terms of the presence or absence of negative outcomes associated with acute and chronic stress (e.g., mortality, morbidity); this narrow focus has limited our understanding of the many ways in which social relationships can promote (or hinder) positive human health and well-being. One reason for this narrow focus is that research on social support has not been well-integrated with the literature on positive well-being, which shows that positive health endpoints are not simply the opposite of negative ones, and that optimal health is not simply the absence of mental and physical illness (e.g., Deci & Ryan, 2000; Diener et al., 2006; Keyes, 2007; Lyubomirsky et al., 2005; Ryff & Singer, 1998; Seligman, 2002, 2008). How do close relationships support individuals not only in their ability to cope with stress or adversity, but also in their efforts to learn, grow, explore, achieve goals, cultivate new talents, and find purpose and meaning in life?

To understand how relationships affect health and well-being—and how people thrive—the literature is in need of theoretical models that describe specific interpersonal processes that have implications for human thriving. Our goal is to contribute to this effort by offering a model of social support and thriving that takes insights from three literatures that have remained largely independent—the positive well-being literature, the social support literature, and the close relationships literature. This model builds on traditional social support theory by (a) focusing on close relationships and dyadic support processes, (b) emphasizing the

important end-state of receiving support as “thriving” (not just stress buffering or maintenance of status quo), (c) highlighting the importance of support provision in life contexts other than adversity, and (d) identifying specific mediators that are likely to explain the link between support and long-term thriving outcomes. Our overarching goal is to offer an integrative perspective for understanding how close relationships promote (or hinder) thriving, and for guiding a new generation of research on this important and timely topic.

## Theoretical Perspective on Thriving Through Relationships

In this article, we present an integrative model of thriving through relationships in which we conceptualize social support as an interpersonal process that functions to promote thriving in two life contexts—experiences of adversity and opportunities for growth in the absence of adversity. This model is presented in Figures 1 and 2 and will be elaborated throughout the following sections. We begin by identifying core components of thriving and highlighting two life contexts in which individuals can thrive. Next, we specify two corresponding relational support functions that contribute to thriving in each life context, followed by a discussion of potential mechanisms linking these support functions to long-term thriving outcomes. We then present an elaborated model of the interpersonal processes involved in each type of support and the ways in which these processes can be effectively cultivated in close relationships. We conclude by providing a roadmap for future research.

### What Does It Mean to Thrive?

To understand how close relationships promote (or hinder) thriving, it is important to begin with a clear definition of thriving. The Merriam-Webster Dictionary defines thriving as flourishing (growing or developing vigorously), prospering (being successful; gaining in wealth or possessions), and progressing toward or realizing a goal despite or because of circumstances (Thriving, 2013). Theoretical perspectives on thriving agree that thriving connotes growth, development, and prosperity, although differences emerge in the specification of what this growth and prosperity looks like, and the contexts in which it occurs (e.g., Bundick, Yeager, King, & Damon, 2010; Diener et al., 2010; Lerner, von Eye, Lerner, Lewin-Bizan, & Bowers, 2010; Ryff & Singer, 2000).

*Components of thriving.* Although thriving has been conceptualized in a variety of ways, all perspectives agree that it includes flourishing both personally and relationally (e.g., Benson & Scales, 2009; Bundick et al., 2010; Diener et al., 2010; Keyes, 2003, 2007; Lerner et al., 2010; Ryff & Singer, 1998, 2000, 2008; Seligman, Steen, Park, & Peterson, 2005; Theokas et al., 2005). Integrating these perspectives, we conceptualize thriving in terms of five broad components of

**Table 1.** Descriptive Summary of Thriving Components.

Thriving components	Examples
1. Hedonic well-being	Happiness, life satisfaction, subjective well-being
2. Eudaimonic well-being	Having purpose and meaning in life, having and progressing toward meaningful life goals, mastery/efficacy, control, autonomy/self-determination, personal growth, movement toward full potential
3. Psychological well-being	Positive self-regard, self-acceptance, resilience/hardiness, optimism, absence (or reduced incidence) of mental health symptoms or disorders
4. Social well-being	Deep and meaningful human connections, positive interpersonal expectancies (including perceived available support), prosocial orientation, faith in others/humanity
5. Physical well-being	Physical fitness (healthy weight and activity levels); absence (or reduced incidence) of illness and disease; health status above expected baselines; longevity

well-being and their respective indicators (see Table 1): (a) *hedonic well-being* (happiness and life satisfaction—the perceived quality of one’s life), (b) *eudaimonic well-being* (having purpose and meaning in life, having and pursuing passions and meaningful goals, personal growth, self-discovery, autonomy/self-determination, mastery/efficacy, development of skills/talents, accumulation of life wisdom, movement toward one’s full potential), (c) *psychological well-being* (positive self-regard, self-acceptance, resilience/hardiness, a positive belief system, the absence of mental health symptoms or disorders), (d) *social well-being* (deep and meaningful human connections, positive interpersonal expectations, a prosocial orientation toward others, faith in others/humanity), and (e) *physical well-being* (physical fitness, the absence of illness or disease, health status above expected baselines, longevity).

This definition incorporates Ryff and Singer’s (1998, 2008) specification of “criterial goods” that embody lives well lived, and other specifications of psychological flourishing (e.g., Henderson & Knight, 2012; Keyes, 2003, 2007; Seligman et al., 2005) and positive health (e.g., Seligman, 2008). It is also consistent with a large literature on subjective well-being, which defines well-being in terms of pleasant affect, life satisfaction, and satisfaction within specific life domains (e.g., work, family); having social and personal resources for making progress toward valued goals (Diener et al., 1999); and the fulfillment of basic needs for competence, autonomy, and relatedness that promote intrinsic motivation and growth (Ryan & Deci, 2000). It also draws from humanistic theories regarding self-actualization and the

motive to realize one’s full potential (e.g., Maslow, 1998; Rogers, 1961), from models of mental and physical resilience in response to stress (e.g., Epel, McEwen, & Ickovics, 1998), and from developmental perspectives on the defining markers of thriving (Benson & Scales, 2009; Dowling, Gestsdottir, Anderson, von Eye, & Lerner, 2003; King et al., 2005; Lerner, Dowling, & Anderson, 2003; K. A. Moore & Lippman, 2005; Scales, Benson, Leffert, & Blyth, 2000; Theokas et al., 2005). Our goal in consolidating these perspectives into the five components (and related indicators) listed above is to provide a conceptual framework—and a point of departure—for considering how relationship support promotes people’s progress or prosperity in these many domains of well-being, not just in stress-related diseases and outcomes.

This conceptualization of thriving does not require that thriving be viewed as an “all or none” outcome, or defined by a strict cutoff point on some scale or measure. Thriving is a multi-dimensional construct that exists as a continuum—people can be more or less thriving across a variety of domains of well-being. Moreover, thriving must be considered with respect to the individual’s current circumstances. For example, an individual with cancer is likely to experience lower levels of health and well-being compared to an individual without cancer, but a cancer patient with a caring support network is likely to experience better outcomes (e.g., more purpose and meaning in life, deeper social connections) than a cancer patient who lacks a supportive network. Thus, thriving must be defined in relative rather than absolute terms. The goal of our theoretical perspective is to understand how relationship support (in stressful and non-stressful times) contributes to optimal well-being in the ways that are possible for individuals given the circumstances and environments in which they are situated.

*Life contexts through which individuals thrive.* Building on prior models of resilience and thriving in the face of stress (Carver, 1998; Epel et al., 1998), and models of flourishing and positive well-being (Deci & Ryan, 2000; Diener et al., 2006; Ryff & Singer, 1998; Seligman, 2002, 2008), the current perspective highlights two life contexts through which individuals may potentially thrive. A first context involves the experience of adversity. Individuals thrive in this context when they are able to cope successfully with adversities, not only by being buffered from potentially severe consequences of adversity when it arises, but also by emerging from the experience as a stronger or more knowledgeable person. Because thriving connotes growth and development, thriving in the face of adversity involves more than simply returning to baseline or maintenance of the status quo (Carver, 1998; Epel et al., 1998). Thriving occurs when people weather the storms of life in ways that enable them to grow from the experience (e.g., perhaps through heightened sense of mastery, increased self-regard, a greater sense of purpose in life, and more meaningful social bonds; Ryff & Singer, 1998).

Although everyone experiences adversity, individuals who thrive through adversity are eventually able to both cope with it in such a way that they do not stay down and defeated, and take something useful or constructive from the experience that enhances their well-being.

A second context through which individuals may thrive involves the experience of life opportunities for growth and prosperity in the absence of adversity. Individuals thrive in this context when they are able to fully participate in opportunities for fulfillment and personal growth through work, play, socializing, learning, discovery, creating, pursuing hobbies, and making meaningful contribution to community and society (Deci & Ryan, 2000; Ryff & Singer, 1998). These opportunities may be viewed as positive challenges because they often involve goal strivings and goal pursuits that require time, effort, and concentration. Thriving individuals are likely to formulate and actively pursue personal goals, and to pursue them in a self-determined manner (Deci & Ryan, 2000; Emmons, 1991). Theoretically, one must function well in both life contexts (adversity and life opportunities) to be a maximally thriving individual, as functioning in each context makes independent contributions to thriving outcomes.

### *Relational Support Functions as Predictors of Thriving*

What enables people to thrive through adversity and through life opportunities for growth? That is, how do people “flower into the kinds of persons who don’t simply avoid problems and pathologies, but who embrace life and make full use of their special gifts in ways that benefit themselves and others?” (Benson & Scales, 2009, p. 90). Our ultimate goal is to make a case for how responsive social support within the context of one’s close relationships promotes thriving. In making this case, we present a model of thriving through relationships that puts relationships at the forefront in facilitating or hindering thriving. This perspective requires us to take a new look at social support and to re-conceptualize it in terms of the promotion of positive well-being instead of only buffering stress—and to view it as an interpersonal process that unfolds over time instead of an attitude or expectation (e.g., perceived available support).

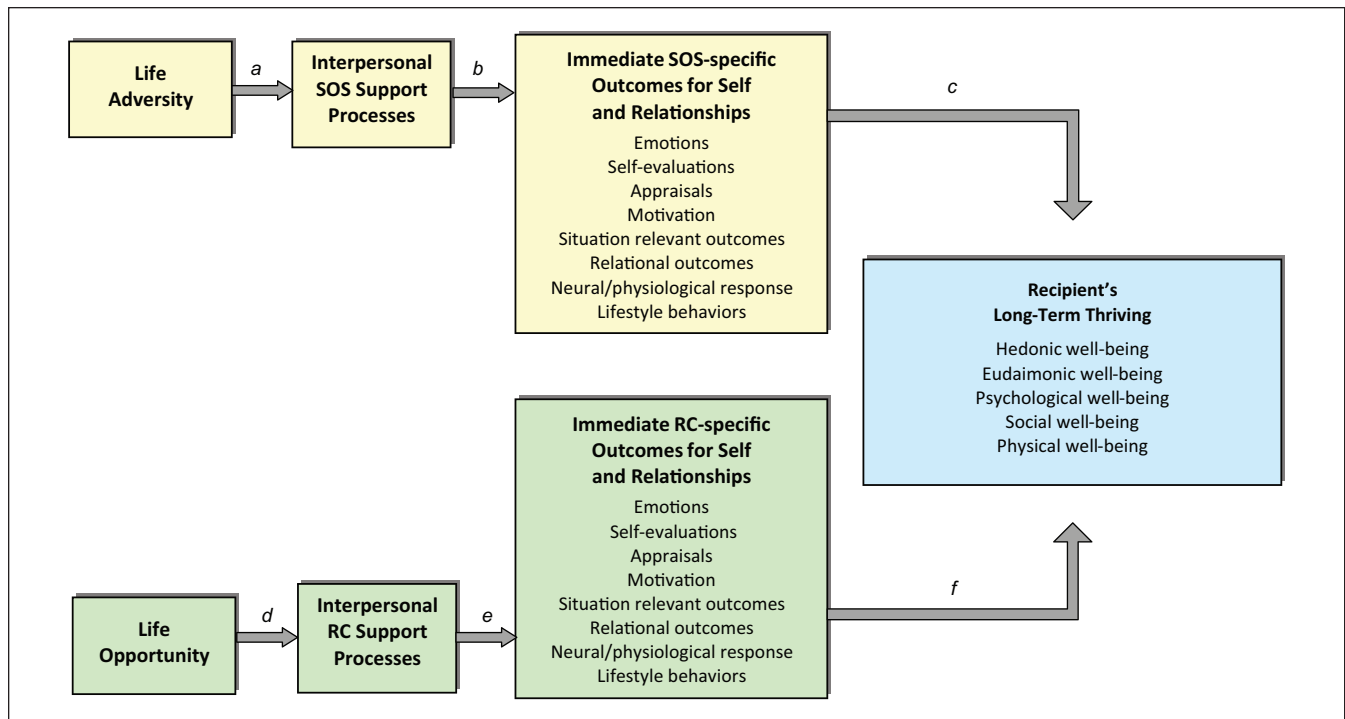
A key proposition of this perspective is that well-functioning close relationships (with family, friends, and intimate partners) are fundamental to thriving because they serve two important support functions that correspond to the two life contexts through which people may potentially thrive—coping successfully with adversity, and participating in opportunities for growth and fulfillment in the absence of adversity. These support functions are rooted in attachment theory (Bowlby, 1973, 1982, 1988; Mikulincer & Shaver, 2007), which proposes that all individuals enter the world with propensities to seek proximity to close others in times of stress (an attachment behavioral system), to explore the environment (an

exploration system), and to support the attachment and exploration behavior of close others (a caregiving behavioral system). The perspective advanced here extends attachment theory in its focus on thriving and in its detailed articulation of ways in which supportive relationships contribute to thriving outcomes. We begin by elaborating on the two support functions that relationships serve that facilitate thriving through adversity and opportunities for growth.

*Support for thriving through adversity.* One important function that relationships serve is to support thriving through adversity, not only by buffering individuals from the negative effects of stress, but also by helping them to emerge from the stressor in a way that enables them to flourish either because of or despite their circumstances (see Figure 1, Paths *a-c*). Relationships serve an important function of not simply helping people return to baseline, but helping them to thrive by exceeding prior baseline levels of functioning. A useful metaphor is that houses destroyed by storms are frequently rebuilt, not into the same houses that existed before, but into homes that are better able to withstand similar storms in the future. So too are people able to emerge from adverse life circumstances stronger and better off than they were before with the support of significant others who fortify and assist them in the rebuilding. In this sense, relationships can provide a source of strength, in addition to a refuge, in adverse circumstances.

In other work, we refer to the support of a relationship partner’s attachment behaviors (i.e., proximity-seeking and support-seeking in times of adversity) as the provision of a *safe haven*. This conceptualization is based on attachment theory’s notion of a safe haven (Bowlby, 1988), which functions to support behaviors that involve “coming in” to a relationship for comfort, reassurance, and assistance in times of stress (Collins & Feeney, 2000; B. C. Feeney, 2004; Feeney & Collins, 2004). Although the term *safe haven* has not generally been used in the social support literature, this is the type of support that has most often been studied in prior work. Indeed, when researchers use the term *social support*, they are almost always referring to the provision (or seeking) of instrumental or emotional aid in response to stressful or negative life events. From an attachment perspective, good support-providers are those who are able to effectively restore an attached person’s felt security when needed—by providing emotional comfort and facilitating problem resolution. However, when viewing thriving as the ultimate outcome of receiving support (and not only restoration of felt security), then the term *safe haven* does not fully capture all of what is needed to promote thriving through adversity. Thus, we expand attachment theory’s notion of a safe haven and refer to this relational support function that strengthens/fortifies as well as comforts/protects in times of adversity as *Source of Strength (SOS) support* (depicted in the top portion of Figure 1). We emphasize the *promotion of thriving through adversity* as the core purpose of this broader support function.





**Figure 1.** Conceptual framework for thriving through relationships.  
 Note. SOS = source of strength; RC = relational catalyst.

This idea of flourishing through adversity is consistent with work on post-traumatic growth or benefit finding (for reviews, see Calhoun & Tedeschi, 2006; Helgeson & Lopez, 2010; Helgeson, Reynolds, & Tomich, 2006; Joseph, Murphy, & Regal, 2012; Linley & Joseph, 2004) and on the development of resilience in the face of adversity (Aldwin, Sutton, & Lachman, 1996; Carver, 1998; Seery, Holman, & Silver, 2010). However, these processes are not typically considered in a relational context, nor has the support of *growth* through adversity been a focus of theoretical or empirical work in the social support literature (although there is emerging work within the post-traumatic growth literature that implicates social relations as predictors of growth or benefit finding; for example, J. Dunn, Occhipinti, Campbell, Ferguson, & Chambers, 2011; Leloirain, Tessier, Florin, & Bonnaud-Antignac, 2012; Lepore & Kernan, 2009; Leung et al., 2010; Luszczynska, Mohamed, & Schwarzer, 2005; Morris, Campbell, Dwyer, Dunn, & Chambers, 2011; Powell, Gilson, & Collin, 2012; Prati & Pietrantonio, 2009; Scrignaro, Barni, & Magrin, 2011).

How does one promote thriving through adversity? Table 2 provides a summary of the components of SOS support. First, consistent with attachment theory, the SOS support function must be enacted on a foundation of *safe haven* support. This involves providing safety and protection (a refuge), as well as relief of the burdens that one experiences during times of adversity (Bowlby, 1982; Collins & Feeney, 2000). Relationship partners can provide this function by accepting a close other's dependency needs (B. C. Feeney, 2007),

providing a comfortable environment for the expression of negative emotion (Spiegel & Kimerling, 2001), providing emotional comfort and reassurance, conveying understanding and acceptance, providing instrumental aid with regard to alleviating the adverse circumstances, and shielding or defending the close other from negative forces related to the stressor. For example, one may provide a safe haven to a romantic partner who has been blindsided by friendship betrayal by accepting the partner's expressions of distress, offering comfort, and defending/protecting the partner's reputation from negative repercussions of the betrayal.

On this foundation, the SOS support function promotes thriving through adversity (not just coping with adversity) through a process of *fortification*, which includes assisting in the development of a close other's strengths and abilities relevant to coping with the adversity—either by pointing out strengths and abilities that the person already has but may not recognize (helping them learn about the self through adversity) or by recognizing a strength or ability that is needed for successful coping and assisting them in attaining it. For example, one may fortify a shy friend who is being taken advantage of at work by instilling confidence, coaching in ways of dealing with colleagues, helping to develop communication skills, and providing opportunities for practicing the skills. This promotes thriving because the recipient may not only stop the adverse events, but also use the new skills to reach new heights in his/her career.

A related and necessary function of SOS support involves *assisting in the reconstruction process* once an individual has

**Table 2.** Descriptive Summary of Support Functions.

Source of strength support	Relational catalyst support
<p>Definition: Functions to promote thriving through adversity, not only by buffering the negative effects of stress but also by helping others to emerge from the stressor in ways that enable them to flourish</p> <p>Components:</p> <ol style="list-style-type: none"> <li>1. Providing a safe haven—safety and protection; relief from burdens; emotional or physical comfort; a comfortable environment for the expression of negative emotion and vulnerability; expressing empathy, understanding, acceptance, reassurance; shielding and defending; tangible aid to alleviate adverse circumstances</li> <li>2. Providing fortification—assisting in the development/nurturing of strengths/talents; recognizing/nourishing latent abilities or helping to attain new ones</li> <li>3. Assisting in the reconstruction process—motivating and assisting one to get back up, stay in the game, use strengths to renew and rebuild the self, problem-solve, and cope with adversity in a positive manner</li> <li>4. Assisting in reframing/redefining adversity as a mechanism for positive change</li> </ol>	<p>Definition: Functions to promote thriving through full participation in life opportunities for exploration, growth, and development in the absence of adversity</p> <p>Components:</p> <ol style="list-style-type: none"> <li>1. Nurturing a desire to create or seize opportunities for growth—expressing enthusiasm, validating goals and aspirations, encouraging individual to challenge or extend the self, leave one's comfort zone</li> <li>2. Providing perceptual assistance in the viewing of life opportunities—appraising opportunities as positive challenges vs. threats, assistance in recognizing opportunities</li> <li>3. Facilitating preparation for engagement in life opportunities—promoting the development of plans and strategies, development/recognition of skills and resources; providing instrumental or informational assistance; encouraging setting of attainable goals</li> <li>4. Facilitating implementation by serving a launching function that enables one to fully engage in life opportunities by: <ol style="list-style-type: none"> <li>a. Providing a secure base for exploration</li> <li>b. Supporting capitalization</li> <li>c. Assisting in tune-ups and adjustments; responding sensitively to failures/setbacks</li> <li>d. Perceiving and behaving toward individual in ways consistent with his/her ideal self</li> </ol> </li> </ol>

been fortified with the strength to rebuild. This involves motivating a close other who has experienced adversity to stay in the game and use their strengths to implement new approaches that take into account the negative forces identified through the adverse experience. This includes motivating positive coping with adversity by encouraging positive action instead of dwelling on negative circumstances that cannot be changed. For example, an individual who copes with the loss of a job by ruminating and staying in bed all day would benefit from having someone who not only helps to nurture his/her strengths, but who also encourages him/her to use those strengths to rebuild in a positive way (e.g., to make a career change, go back to school) that can contribute to thriving.

Doing this successfully requires *assisting in reframing/redefining the adversity* as a mechanism for positive change. This function of SOS support involves a cognitive redefining of the adversity so that it does not seem as threatening or insurmountable as it may have initially. It includes helping a close other to view the adversity as one that can be overcome or to find benefits in the adverse experience. This redefinition should enable one to approach the adversity in a way that will promote thriving. For example, viewing an unwanted divorce as an indicator of one's lack of desirability or the end of one's life would be detrimental to positive coping and the

possibility of thriving through adversity. Assistance in putting the adversity in perspective (e.g., as a common occurrence) and redefining it (e.g., as an impetus for positive change) may motivate the individual to use the experience as a stepping stone for forging new relationships.

It is important to note that a majority of the social support literature has focused on stress-buffering effects of social support. In fact, social support has been defined as the "provision of psychological and material resources intended to benefit an individual's ability to cope with stress" (Cohen, 2004, p. 676). In positing the SOS support function, we propose that support-providers can do much more than buffer stress or return one to baseline levels of functioning. We propose that when support-providers provide a SOS, they assist in helping the recipient to grow, flourish, or prosper (to thrive) through the adversity. Thus, we argue for a broader perspective on social support than has historically been taken in the literature, and we do this by proposing that support in times of adversity should be viewed more broadly than simply buffering negative effects of stress, and by proposing that social support must be considered in non-adverse life contexts as well, as we turn to next. We do not suggest that stress-buffering models of social support are incorrect, as there is an abundance of research showing stress-buffering effects. Instead, we propose that (a) support provision that

promotes *thriving* goes beyond just buffering stress and (b) support for *thriving* should be examined in more than just stressful life contexts.

*Support for thriving through participation in life opportunities in the absence of adversity.* Another important function that relationships serve is to provide support for thriving through participation in life opportunities in the absence of adversity (Figure 1, Paths *d-f*). Supportive relationships can help people thrive by promoting engagement in opportunities that enable them to enhance their positive well-being by broadening and building resources (Bowlby, 1988; Fredrickson, 2001) and finding purpose and meaning in life (Ryff & Singer, 1998). Although most research in the social support literature concerns support in times of stress, we emphasize that support in the absence of adversity is equally important for thriving. A key aspect of this perspective is that people must fully embrace life and its opportunities to thrive, and that close relationships are integral in this process.

In other work, we have referred to the support of a significant other's exploration behavior (e.g., desires to learn, grow, play, discover, and accomplish goals) as the provision of a *secure base* (e.g., B. C. Feeney, 2004, 2007). This is based on attachment theory's notion of a secure base, which functions to support behaviors that involve "going out" from a relationship for autonomous exploration in the environment (Bowlby, 1988; see also Crowell et al., 2002; Waters & Cummings, 2000). Although overlooked in the social support literature, good support-providers must not only know how to respond appropriately to attachment behavior and signals of distress, but also how to support exploration behavior (e.g., autonomous goal strivings, personal growth; Bowlby, 1988). Thus, an important aspect of support-giving involves the provision of a secure base from which an attached person can make excursions into the world (to play, work, learn, discover, create) knowing that he/she can return for comfort, reassurance, or assistance should he/she encounter difficulties along the way. Bowlby (1988) describes the concept of a secure base as one in which support-providers create the conditions that enable significant others to explore the world in a confident way:

In essence this role is one of being available, ready to respond when called upon to encourage and perhaps assist, but to intervene actively only when clearly necessary. In these respects it is a role similar to that of the officer commanding a military base from which an expeditionary force sets out and to which it can retreat, should it meet with a setback. Much of the time the role of the base is a waiting one but it is none the less vital for that. For it is only when the officer commanding the expeditionary force is confident his base is secure that he dare press forward and take risks. (p. 11)

However, when viewing thriving as the ultimate outcome of receiving social support (instead of just providing a base

for exploration, which emphasizes a passive, waiting role), the term secure base does not fully capture a support function that promotes thriving in the absence of adversity. Thus, for the model presented here, we expand attachment theory's notion of a secure base to include additional components necessary for supporting thriving. We refer to this relational support function that promotes engagement in life opportunities in non-adverse times as *Relational Catalyst (RC) support* (depicted in the bottom portion of Figure 1) because support-providers can serve as active catalysts for thriving in this context. We emphasize the *promotion of thriving through life opportunities* as the core purpose of this broader support function.

How does one promote thriving through engagement in life opportunities? Table 2 provides a summary of the components of RC support. First, *nurturing a desire to create and/or seize life opportunities for growth* is a key function. This includes expressing enthusiasm for life opportunities; validating a close other's goals, dreams, and aspirations (both big and small); encouraging a close other to challenge or extend himself/herself to grow as an individual (e.g., leave one's comfort zone to try challenging as well as familiar activities); communicating the potential benefits of creating/pursuing life opportunities; and providing encouragement to embrace even small opportunities that may be stepping stones to bigger ones. Because opportunities are not always readily available, the encouragement to take initiative in creating one's own opportunities is an important part of motivating the pursuit of life opportunities.

Doing this successfully involves *providing perceptual assistance in the viewing of life opportunities*, which is another function of RC support. This includes helping a close other to focus on the positive aspects of opportunities instead of being paralyzed by potential difficulties and communicating that even unsuccessful opportunity-pursuits can lead to growth and subsequent opportunities. Perceptual assistance also includes assisting the person in recognizing opportunities that might otherwise be missed. Because a major impediment to engaging in life opportunities begins with the recipient's perception of them (e.g., as too difficult, as a threat to security, as likely to result in failure), relational catalysts help their significant others to notice and positively evaluate opportunities before they pass. This includes helping them create a vision of future possibilities, as visualizing potential outcomes may be a first step to attaining them.

A third function of RC support is to *facilitate preparation for engagement in life opportunities* by promoting the development of plans, strategies, skills, and resources for approaching opportunities. This includes encouraging the development of requisite skills (and giving necessary space to do so), providing instrumental or informational assistance in attaining necessary resources, accommodating plans/strategies for pursuing goals, providing direct instruction or feedback if one has relevant expertise, encouraging one to perform to his/her capabilities (and to stretch his/her

capabilities), and encouraging the setting of attainable goals (Wrosch, Scheier, Miller, Schulz, & Carver, 2003). A relational catalyst may also see a special quality in a person that others cannot yet see and nurture its development (Rusbult, Finkel, & Kumashiro, 2009).

The final function of RC support is to *provide the launching function* during actual engagement in life opportunities. Part of this involves attachment theory's notion of a *secure base* (Bowlby, 1982, 1988; B. C. Feeney & Thrush, 2010) and includes (a) providing encouragement during the engagement; (b) not unnecessarily interfering (e.g., refraining from providing support that is not needed/wanted, from becoming emotionally over-involved [Coyne & DeLongis, 1986; Coyne, Wortman, & Lehman, 1988], or from impeding the accomplishment of the goal/activity), as the primary function of a base is a waiting one (Bowlby, 1988); and (c) being available in the event that the base is needed (e.g., to assist in removing obstacles, and to stay connected to the partner's interests, choices, and feelings). Being available and staying connected are important because individuals who are confident in the availability of their base do not have to cling to that base to the extent that individuals who lack such confidence do (B. C. Feeney, 2007).

Supporting *capitalization* (Gable & Reis, 2010)—by celebrating successes and accomplishments along the way—is another important part of the launching function that should encourage persistence and continued engagement in opportunities for growth. Capitalization promotes thriving because the social sharing of good news and positive events with responsive others confers benefits that amplify the good event (e.g., making it more memorable, creating a longer lasting impact on positive well-being; Gable & Reis, 2010; Reis et al., 2010). Research shows that when people share personal positive events with close others, and when close others are perceived to respond actively and constructively (e.g., expressing genuine pride and excitement), then disclosers experience increased positive affect and well-being, above and beyond the impact of the positive event itself. However, when close others respond passively or destructively and thereby deflate the discloser's excitement, the discloser is unable to fully benefit from the positive event (Gable, Gonzaga, & Strachman, 2006; Gable, Reis, Impett, & Asher, 2004). Enjoying life in the absence of adversity by sharing positive events and experiences with others (which are often related to goal pursuits and personal growth such as performing well at work or school, or milestones such as marriage or the birth of a child) is part of full engagement in life. Thus, an important part of supporting thriving includes the support of capitalization by responding actively and constructively to a close other's positive experiences.

Another important part of this launching function involves assisting in tune-ups and adjustments (e.g., in perceptions, skills, and strategies) as needed, and sensitively responding to setbacks. This supports thriving by increasing the likelihood that close others learn from their experiences and that

each successive expedition is strengthened by building on the one before. In addition, relational catalysts support thriving by encouraging the pursuit of passions in a healthy and well-balanced manner such that other important opportunities or facets of life are not neglected (e.g., time spent with children, sleep and nutrition needs), by encouraging self-expansion (Aron, Aron, & Smollan, 1992; Aron, Aron, Tudor, & Nelson, 1991), and by perceiving and behaving toward a close other in ways consistent with his or her ideal self (Drigotas, Rusbult, Wieselquist, & Whitton, 1999; Kumashiro, Rusbult, Finkenauer, & Stocker, 2007; Rusbult et al., 2005). This functions to bring the individual closer to his or her ideal self (in terms of dispositions, values, and behavioral tendencies) through a process of behavioral affirmation (termed the *Michelangelo Phenomenon*). A series of longitudinal studies on this process in couples (Drigotas, 2002; Drigotas et al., 1999; Rusbult et al., 2005) has shown that when individuals perceive and behave toward a partner in ways that are consistent with the partner's ideal self, this treatment leads to actual movement toward the ideal self, which in turn predicts enhanced relationship functioning and personal well-being. In contrast, when individuals perceive and behave in ways that are inconsistent with the partner's ideal self (a process of disaffirmation), this leads to movement away from the ideal self and deterioration in personal and relationship well-being.

*Elaboration on support functions.* Several aspects of SOS and RC support require elaboration. First, SOS and RC support represent two distinct support functions that have different purposes and that occur in different life contexts. This is an important distinction because individuals are likely to differ in the extent to which they provide or seek each support function. For example, individuals who are uncomfortable with expressions of distress or vulnerability (e.g., avoidant attachment) may have difficulty providing or seeking SOS support (Collins & Feeney, 2000; B. C. Feeney & Collins, 2001), whereas those who prefer to merge with others and fear losing them (e.g., anxious attachment) may have difficulty providing or seeking RC support (Cassidy & Shaver, 2008; B. C. Feeney, Collins, Van Vleet, & Tomlinson, 2013).

Second, SOS and RC support are conceptualized as support *functions* that are provided through the use of a constellation of particular support *behaviors*. Support functions describe the role or purpose for which support exists, and specific support behaviors—emotional, esteem, informational, and tangible support (Brock & Lawrence, 2009; Cutrona, 1996b)—are employed in the service of accomplishing designated functions. Thus, a variety of support behaviors can be used for either support function, and these behaviors can be explicit (direct) or implicit (indirect), depending on the needs of the recipient. It is also important to note that although the provision of support requires time and effort, the support of a close other's thriving (through SOS and RC support) does not always require a large



investment of time and energy. Many of the behaviors we outline for promoting thriving are simple to enact, such as communicating availability, sharing companionship, providing encouragement, not unnecessarily interfering, communicating about life opportunities, and celebrating successes. In fact, research indicates that small acts of care (e.g., a few words of encouragement, an enthusiastic response to good news, being physically present and attuned) can have a profound impact on personal and relationship well-being (e.g., Coan, Schaefer, & Davidson, 2006; Collins, Jaremka, & Kane, 2014; Eisenberger, Taylor, Gable, Hilmert, & Lieberman, 2007; Eisenberger et al., 2011; B. C. Feeney, 2004; B. C. Feeney & Lemay, 2012; B. C. Feeney & Thrush, 2010; Gable & Reis, 2010; Kane, McCall, Collins, & Blascovich, 2012; Schnall, Harber, Stefanucci, & Proffitt, 2008), and that individuals can even benefit from symbolic proximity to close others (such that physical presence is not always required to reap the benefits of supportive others; Jakubiak & Feeney, 2014; Master et al., 2009; Mikulincer, Gillath, & Shaver, 2002; T. W. Smith, Ruiz, & Uchino, 2004) because they have developed mental representations of close others through repeated experience with them (Bowlby, 1982; M. W. Baldwin, 1992).

Fourth, although responsive close relationships that provide SOS and RC support provide the optimal environment for thriving, the perspective advanced here does not suggest that one particular type of relationship (e.g., a romantic relationship) is necessary for thriving, or that one particular person should be the only source of relational support for thriving. Instead, people will be most likely to thrive when they are embedded in a network of responsive relationships (e.g., with friends, siblings, intimate partners, parents, mentors) that together serve these important support functions. This assertion is supported by research showing that complex measures of social integration (i.e., having close, meaningful relationships with diverse social network members) are stronger predictors of mortality than are measures of marital status or network size (Holt-Lunstad & Smith, 2012), and with research showing the health costs associated with loneliness (Hawkley & Cacioppo, 2003). This perspective is also consistent with Social Baseline Theory's (Beckes & Coan, 2011) emphasis on risk-distribution and load-sharing with social network members to decrease costs of dealing with environmental demands and to free resources for engaging effectively with the environment.

Fifth, by specifying specific support functions that relationships serve, the current perspective highlights the importance of support quality. It is not just *whether* someone provides support, but it is *how* he or she does it that determines the outcome of that support. Any behaviors in the service of providing SOS and RC support must be enacted both responsively and sensitively to promote thriving (see Reis, 2012; Reis, Clark, & Holmes, 2004, for theorizing on responsiveness). Being *responsive* involves providing the type and amount of support that is dictated by the situation and by the

partner's needs (Cohen & Wills, 1985; Cutrona, 1990; Simpson, Winterheld, Rholes, & Orina, 2007). Responsive support-providers flexibly respond to needs and adjust their behavior in response to the contingencies of the situation (Collins, Guichard, Ford, & Feeney, 2006; B. C. Feeney & Collins, 2001). Being *sensitive* involves responding to needs in such a way that the support-recipient feels understood, validated, and cared for (Burlinson, 1994, 2009; Maisel & Gable, 2009; Reis & Patrick, 1996; Reis & Shaver, 1988). This is accomplished by offering support in a way that expresses generous intentions, protects the recipient's self-esteem, acknowledges the recipient's feelings and needs, conveys acceptance, and respects the recipient's point of view (Collins et al., 2006). Sensitive support also is provided in a way that respects the support-recipients' autonomy and self-determination (e.g., to chart their own course, to choose their own passions/goal pursuits, to choose their own ways of coping with or rebuilding after a stressor), which fosters confidence and intrinsic motivation (Deci & Ryan, 2000, 2002; Emmons, 1991; Rogers, 1961).

Thus, the degree to which support behavior is responsive depends on the *type and amount* of support given, and the degree to which it is sensitive depends on the *manner* in which the support is provided. Of course, being responsive and sensitive is not always easy, and even well-intended support efforts may have unintended negative consequences (Bolger & Amarel, 2007; Collins, Ford, Guichard, Kane, & Feeney, 2010; Coyne et al., 1988; Dunkel Schetter, Blasband, Feinstein, & Herbert, 1992; Gleason, Iida, Shrout, & Bolger, 2008; Rafaeli & Gleason, 2009; Rini & Dunkel Schetter, 2010; Rini, Dunkel Schetter, Hobel, Glynn, & Sandman, 2006). For example, support-providers may offer support in a way that makes the recipient feel weak, needy, or inadequate; induces guilt or indebtedness; makes the recipient feel like a burden; minimizes or discounts the recipient's problem, goal, or accomplishment; blames the recipient for his or her misfortunes or setbacks; restricts autonomy or self-determination; or conveys a sense of contingent acceptance (e.g., that one must succeed to be accepted). Support-providers might also be neglectful or disengaged, over-involved, controlling, or otherwise out of sync with the recipient's needs (Collins et al., 2006; B. C. Feeney & Collins, 2001; Kuncze & Shaver, 1994).

We suggest that unresponsive and insensitive support behaviors will undermine thriving because they promote either overdependence or underdependence: Overdependence (an over-reliance on others to do what can be done oneself) represents a means of clinging to significant others whose availability and acceptance is perceived to be uncertain, or to others who provide support when it is not needed. Underdependence (defensive self-reliance) represents a means of coping with a support environment in which significant others have been insensitive to or rejecting of one's needs. Optimal dependence (a healthy dependence on others in response to genuine need), optimal independence (a

healthy degree of autonomy), and optimal interdependence (relationships characterized by mutual dependence) are made possible when significant others support thriving by providing sensitive and responsive SOS and RC support.

Thus, it is important to recognize that close relationships can be a source of strain as well as support (Brooks & Dunkel Schetter, 2011; Newsom, Mahan, Rook, & Krause, 2008; Rook, 1984; Rook, Mavandadi, Sorkin, & Zettel, 2007). The presence of poor-quality support can have a negative impact on thriving, and the mere existence of a relationship (e.g., a marriage) is not enough to confer thriving benefits. Poor-quality SOS support (or lack thereof) can exacerbate stress, prolong recovery, reduce resilience, and hinder growth from adversity. Likewise, poor-quality RC support can thwart goal striving, reduce intrinsic motivation, and hinder the development of new talents and capacities. Thus, individuals may *fail to thrive* either because they are socially isolated and lack access to a reliable relational support system or because they are embedded in central relationships (e.g., a marriage or parent-child relationship) that offer poor-quality support. The extent to which core relationship partners provide effective SOS and RC support and the resulting effects on thriving is an area ripe for future research.

Finally, it is important to acknowledge that people can cope with adversity and engage in life opportunities without support from significant others, and that people differ in their preferred levels of interdependence. However, our perspective is that people are most likely to *thrive* through adversity and life opportunities with these relational support functions intact. In emphasizing the importance of relational support, we do not minimize the role of individual initiative and personal fortitudes—such as grit, optimism, and hardiness—that also contribute to resilience and thriving. However, we believe that prior research and theory has underestimated the interpersonal basis for these personal characteristics and fortitudes. Our model suggests that social relationships (that provide responsive SOS and RC support) significantly contribute to the development and maintenance of these personal fortitudes.

### Pathways to Thriving Through Relationships

How do SOS and RC support shape thriving outcomes? We propose that SOS and RC support make independent contributions to thriving through specific mechanisms (see Figure 1, Paths *b* and *e*). Each support process occurs in a different life context, involves different support functions, and results in different immediate outcomes that, over time, make independent contributions to the long-term thriving outcomes (Figure 1, Paths *c* and *f*).

The potential mechanisms linking SOS and RC support to thriving are important to delineate because they are necessary for understanding *how* thriving through relationships occurs and because they have received so little attention in the social support literature. The immediate outcomes of

receiving support are rarely studied, and when they are studied, researchers tend to focus only on stress-related outcomes (e.g., coping, stress reactivity). By focusing on a broader definition of social support, and a broader conceptualization of health and well-being, the current model suggests a broader array of potential mechanisms and mediators. We suggest that the mechanisms for both support functions can be organized into eight broad categories that reflect immediate changes in the recipient's (a) emotional state, (b) self-evaluations/self-perceptions, (c) appraisals of the situation or event, (d) motivational state, (e) situation-relevant behaviors/outcomes, (f) relational outcomes, (g) neural activation/physiological functioning, and (h) lifestyle behaviors. Because SOS and RC support processes occur in different life contexts and have different functions, there should be differences in the specific manifestation of each outcome category for each support function.

Moreover, these immediate outcomes are expected to temporally precede the core thriving outcomes, which develop over time and represent long-term outcomes. They are considered to be relatively circumscribed to the particular situation, and a collection of these circumscribed benefits contributes to thriving in a more global sense. For example, interpreting a single stressor as a challenge instead of a threat is not thriving, but an accumulation of such transformations would contribute to global thriving. Next, we describe each category of mediators for each support function. See Table 3 for a summary.

**Emotional state.** Because a variety of negative emotions are associated with the experience of adversity, an important immediate outcome of receiving SOS support includes decreased negative emotion (e.g., fear, anxiety, doubt, distress, sadness, guilt, shame, anger, discouragement, loss/grief, embarrassment, humiliation, hurt/broken-heartedness, loneliness, despair, resentment, jealousy, and envy) as well as faster recovery from negative emotional states generated by stressors (Collins et al., 2014). Increases in some positive emotions, which are often overlooked in research on social support, also should result from receiving SOS support and may include love, hope, gratitude, forgiveness, serenity/peace, calm, relief, and felt security (a feeling of safety from threats, Bowlby, 1982; Sroufe & Waters, 1977). Thus, through the provision of SOS support, significant others assist in restoring and sustaining a positive affective balance (Fredrickson, 2009; Ryff & Singer, 2000). These predictions are supported by research showing that receiving caring support from friends and romantic partners during stressful events decreases depression and anger (Cutrona, 1986; Winstead & Derlega, 1985), increases positive mood (Collins & Feeney, 2000; Collins et al., 2014), and increases feelings of calmness and security (Kane et al., 2012; Simpson, Rholes, & Nelligan, 1992). They are also supported by laboratory research on emotion sharing, which shows that sharing negative emotions with close others can reduce emotional distress

**Table 3.** Immediate Outcomes of Receiving SOS and RC Support: Pathways Linking Support to Long-Term Thriving.

Immediate outcome	SOS support	RC support
1. Emotional state	Decreases in negative emotions: fear, anxiety, doubt, discouragement, sadness, despair, loss/grief, guilt, shame, embarrassment, hurt/broken-heartedness, rejection, loneliness, helplessness, anger, frustration, resentment, jealousy, envy Increases in positive emotions: love, hope, gratitude, forgiveness, safety, security, relief, serenity/peace/ calm Restore healthy affective balance	Increases in positive emotions: enthusiasm, excitement, pride, interest, happiness, joy, wonder, awe, curiosity, amusement, surprise; feel inspired, lively, energetic, invigorated; also feel love, gratitude Decreases in negative emotions: release from concerns about failure or guilt for use of resources (anticipatory worry)
2. Self-evaluations and self-perceptions	Increased self-acceptance and self-compassion; restored sense of self-integrity Perceive self as capable of overcoming adversity Perceive self as strong and resilient	Increased self-confidence; feelings of competency and empowerment; state self-esteem Perceive self as capable of accomplishing goals (state self-efficacy) Perceive self as accomplished/skilled and engaged in life
3. Appraisals of the situation or event	Appraisals of resources as outweighing demands View problem as controllable and temporary, or belief that one can deal successfully with it if cannot be changed Appraisals of experience as leading to positive change	Expect positive outcomes of engaging in opportunity; expect to accomplish goals Appraisals of experience as valuable, worth time and effort View opportunity as meaningful and having potential to impact others
4. Motivational state	Switch from avoidance/prevention orientation to approach/promotion orientation Motivated to make changes in life and rebuild; motivated to persevere Motivated by expectations of what can be (not what currently is)	Approach/promotion motivation toward the opportunity; increased intrinsic motivation Motivated to stretch to new levels (not settle for good enough) Motivated to leave comfort zone to reach potential
5. Situation-relevant behaviors, resources, and outcomes	Improvements in coping strategies and self-regulation Problem resolution; a changed circumstance/ outcome or successful adaptation to a circumstance that cannot be changed Successful rebuilding (replace old with new) Learning from the experience	Engagement in and persistence at life opportunity Goal accomplishment/progress Production of high-quality result Opened doors for more opportunities Learning from the experience
6. Relational outcomes, attitudes, and expectations	Feelings of trust (confidence in support-provider's availability and goodwill) Feelings of emotional closeness with support-provider Feel accepted, loved, and cared for despite vulnerabilities Belief that seeking support in adversity is beneficial	Feelings of social acceptance and bonding Feel valued and respected by others Form new social connections View that others believe in one's abilities (reflected appraisals) Self-expansion with significant others Belief that seeking support for life opportunities is beneficial
7. Neural activation and physiological functioning	Deactivation of neural areas associated with threat Increased activation of reward-related neural areas associated with safety Adaptive immune, endocrine, and cardiovascular functioning associated with reduced stress response (reduced cortisol and cardiovascular threat response) Release of neuropeptides involved in social bonding (endogenous opioids and oxytocin)	Increased activation of neural areas associated with reward, positive affect, positive challenge, representation of goals, decision making, and dopamine release Adaptive immune, endocrine, and cardiovascular functioning associated with positive affect and challenge Increases in anabolic processes (increases in bone and muscle mass)
8. Health and lifestyle behaviors	Better diet/nutrition and sleep quality Decreased use of addictive substances as means of coping Better self-care, adherence to health care regimens	Increased physical and mental activity More restorative activities (relaxation, hobbies, sports, vacation) Better diet/nutrition and sleep quality

Note. SOS = source of strength; RC = relational catalyst.

and facilitate emotional recovery when the listener expresses empathy and encourages cognitive reframing (Nils & Rimé, 2012).

RC support is expected to activate (or amplify) a broader range of positive emotions than SOS support including enthusiasm/excitement, interest, happiness, joy, amusement, pride, and curiosity. RC support also may lead one to feel inspired, lively, energetic, and invigorated. These emotions (in addition to love and gratitude that should emerge from both support processes) reflect the anticipation and pursuit of valued life opportunities, as well as the social sharing of resulting accomplishments. These predictions are consistent with research showing that responsive support for goals/exploration is linked with greater expressed enthusiasm during exploration activities and increases in positive mood afterwards (B. C. Feeney, 2004; B. C. Feeney & Thrush, 2010), and with research showing that when individuals share good news and receive enthusiastic responses, they experience enhanced positive mood that enables them to savor the experience and continue to accrue benefits from it (Gable et al., 2004; Reis et al., 2010). Although RC support should act most strongly on positive emotions, it should also reduce negative emotions that are sometimes evoked when individuals pursue life opportunities, including concerns about failure or feelings of guilt for taking time for oneself or for using shared resources. Instilling excitement/enthusiasm for the pursuit of opportunities and releasing one from anticipatory concerns are primary functions of RC support.

*Self-evaluations and self-perceptions.* Recipients of SOS support should experience feelings of self-acceptance, self-compassion (forgiving oneself for a failure or transgression, being kind to oneself), and a restored sense of self-integrity. Receipt of SOS support also should predict increased self-efficacy and perceived control to the extent that it has equipped the recipient with courage, knowledge, resources, or skills to overcome the adverse circumstance.

Because RC support promotes successful engagement in life opportunities, this should be a strong predictor of state self-esteem, self-confidence, and empowerment involving feelings of competency and self-efficacy (power to produce desired effects). Specific self-perceptions may include views of the self as capable of accomplishing goals, and as accomplished, skilled, and engaged in life. These predictions are consistent with evidence indicating that the responsive support of goal strivings/exploration is associated with increases in state self-esteem, perceived self-efficacy, perceived ability to achieve one's goals, self-confidence, and perceived capability (B. C. Feeney, 2004, 2007; B. C. Feeney & Thrush, 2010).

*Appraisals of the situation or event.* Receipt of SOS support should predict appraisals that one's resources outweigh the demands of the situation (Lazarus & Folkman, 1984). Other appraisals include views of the problem as controllable and temporary (not the way circumstances always will be), or the

belief that one can adapt successfully to a problem or situation that cannot be changed. Particularly important for thriving, SOS support should predict appraisals of the experience as leading to positive change—that one may emerge from adversity as better or stronger than before.

Receipt of RC support should predict appraisals of the opportunity as a positive challenge versus a threat, and as likely to result in positive outcomes. This includes expectations of success, and appraisals of the experience as meaningful, valuable, and worth one's time and effort. Corroborating these predictions, research has shown that being in the presence of a close other, or merely thinking about a supportive other, makes the physical world (a steep hill) appear less daunting (Schnall et al., 2008), and that responsive support of exploration/goals is linked with greater perceptions that exploration is worthwhile (B. C. Feeney & Thrush, 2010).

*Motivational state.* SOS support should more strongly (than RC support) result in a regulatory orientation that is prevention-focused, which emphasizes safety, responsibility, and security needs, and seeks to avoid losses (see Higgins, 1997; Shah & Higgins, 1997). However, because SOS support is not just about minimizing negative effects of adversity but is about thriving through the experience, this support function should assist individuals in switching from a prevention orientation to a promotion orientation (which emphasizes hopes, accomplishments, advancement needs, and seeks to approach gains; Shah & Higgins, 1997) once safety and security needs are met. In this way, SOS support can encourage growth through adversity by motivating individuals to make changes in their lives, work toward rebuilding, and persevere through difficult times.

Because RC support encourages pursuit of life opportunities and releases one from constraints that may hinder these pursuits, a natural immediate consequence should be an increase in approach versus avoidance motivation toward the opportunity (Elliot, 2008). Approach motivation enables one to focus on the potential rewards to be gained by the opportunity instead of focusing on avoiding potentially negative outcomes (e.g., failure or embarrassment). One is motivated to stretch to new levels and not settle for good enough. This motivational state involves boldness and willingness to pull up stakes (not get stuck at one level) and leave one's comfort zone to grow and reach one's potential. Evidence for this comes from research showing that responsive support provision is associated with a greater willingness to engage in autonomous exploration (B. C. Feeney, 2007), and from experimental work showing that thinking about a responsive romantic partner (vs. an acquaintance) reduces defensive responses (self-handicapping) to potential failure during a challenging task (Caprariello & Reis, 2011). Responsive RC support should also lead to increased intrinsic motivation for pursuing life opportunities. This is consistent with research showing that intrinsic motivation, which is a principal source of enjoyment and vitality throughout life, is most likely to



flourish in contexts characterized by a sense of security and relatedness, as well as contexts that nurture one's sense of competence and autonomy (Deci & Ryan, 2000; Ryan & Deci, 2000).

*Situation-relevant behaviors, resources, and outcomes.* Receiving SOS support should result in improved coping strategies and self-regulation (the ability to control one's behavior, emotions, and thoughts; the ability to develop, implement, and maintain planned behavior; W. R. Miller & Brown, 1991; Muraven, Tice, & Baumeister, 1998). Additional outcomes include problem resolution (or reduction of problem severity), positive changes in one's circumstances or successful adaptation to circumstances that cannot be changed (e.g., reduced rumination, positive reappraisal, acceptance), successful rebuilding (replacing features associated with the adversity with new and improved ones), and learning from the experience. This is consistent with research showing that support provision facilitates problem resolution (e.g., Lakey & Heller, 1988; Winstead, Derlega, Lewis, Sanchez-Hucles, & Clarke, 1992), promotes effective coping and adjustment to economic disadvantage (Chen & Miller, 2012) and to trauma and disease (see Revenson, 2003; Uchino, 2004), and facilitates benefit finding and growth following negative life events (see Helgeson & Lopez, 2010).

Receiving RC support should result in immediate outcomes relevant to pursuit of life opportunities: successful engagement in and persistence at the life opportunity, goal progress, opened doors for additional opportunities, and the production of a high-quality result (if an opportunity involved a product such as the completion of a project). This involves approaching the activity with greater focus, more energy, and a propensity to navigate challenges more effectively than one might otherwise. Consistent with these predictions, components of RC support predict greater persistence at and better performance on a laboratory exploration activity (B. C. Feeney & Thrush, 2010) and greater pursuit of personal goals (B. C. Feeney, 2007).

*Relational outcomes, attitudes, and expectations.* Immediate relational outcomes of receiving SOS support include feelings of trust in the support-provider (a state of confidence in the support-provider's availability, goodwill, caring, and commitment; Murray, 2005; Murray, Holmes, & Griffin, 2000); emotional closeness as a result of feeling understood, validated, cared for, and accepted despite one's vulnerabilities (Reis & Shaver, 1988); and beliefs that seeking support and showing vulnerability is beneficial and met with compassionate responses. This is consistent with evidence indicating that acts of caring from a romantic partner during stressful situations can result in immediate increases in perceptions of feeling loved, valued, and accepted (Collins et al., 2014; Kane et al., 2012), and that responsive support from friends and romantic partners in daily life increases feelings of relationship closeness (Gleason et al., 2008; Reis et al., 2010).

Receipt of RC support should result in other immediate relational outcomes including feelings of being valued and respected; satisfaction that one's relationship enables one to pursue goals in a self-determined manner; the formation of new social connections; self-expansion with a close other (Aron, Ketay, Riela, & Aron, 2008); and beliefs that sharing life opportunities with others, capitalizing on the experiences, and seeking/receiving support for them is beneficial. This is consistent with experimental studies showing that sharing good news and receiving an active and constructive response increases trust, closeness, and prosocial motivation in new acquaintances (Reis et al., 2010), with observational and daily diary studies showing that individuals feel happier and more satisfied in their relationships when they receive enthusiastic support for their positive event disclosures (Gable et al., 2004; Gable et al., 2006; Reis et al., 2010), and with research showing that responsive support of exploration/goal-strivings predicts relationship mood/satisfaction (Brunstein, Dangelmayer, & Schultheiss, 1996; Van Vleet & Feeney, 2011).

*Neural activation and physiological functioning.* Immediate changes in neural and physiological functioning should result from the receipt of SOS support. Research indicates that neural regions associated with threat (amygdala, dorsal anterior cingulate cortex [dACC], anterior insula and periaqueductal gray [PAG]) can trigger physiological responses that have health implications, and that the experience of social connections can turn off this neural alarm system (Eisenberger & Cole, 2012). Thus, deactivation of neural areas associated with threat and increased activation of reward-related neural areas (ventromedial prefrontal cortex [VMPFC] and the posterior cingulate cortex [PCC]) associated with safety (Eisenberger & Cole, 2012) should be immediate outcomes of receiving SOS support. At the biological and physiological level, adaptive immune, endocrine, and cardiovascular functioning should result from receiving SOS support (G. E. Miller, Chen, & Cole, 2009). This includes reduced cortisol and stress reactivity, reduced inflammation, reduced cardiovascular threat response (Blascovich, 2008a), and increased oxytocin, which has been linked with positive social interactions (Marazziti et al., 2006).

This is supported by research showing that activation of neural regions associated with threat is linked to increased cortisol levels and greater inflammatory responses to stressors (Eisenberger et al., 2007; Slavich, Way, Eisenberger, & Taylor, 2010; Wang et al., 2005), which should be attenuated when receiving SOS support. There is also evidence suggesting that activity in neural regions involved in detecting safety and reducing fear are involved in reducing cortisol responses to social stress (and in inhibiting sympathetic and promoting parasympathetic responses), and that simply seeing a picture of a highly supportive relationship partner during the experience of physical pain leads to increased VMPFC activity and corresponding decreases in self-reported pain and dACC

activity (Eisenberger et al., 2011). These neural processes are thought to be mediated by neuropeptides involved in social bonding (endogenous opioids and oxytocin), which are released in response to positive close social contact and have stress-reducing properties (Eisenberger & Cole, 2012).

Further supporting this mechanism is research showing that holding the hand of a romantic partner attenuates neural activation in brain regions associated with threat and emotion regulation (Beckes & Coan, 2011; Coan et al., 2006), suggesting that the presence of a caring partner reduces the need to mobilize personal resources in dealing with environmental demands. Additional evidence comes from research showing that cardiovascular reactivity is buffered in individuals who experience a stressor in the presence of a close, non-evaluative support provider (e.g., K. M. Allen, Blascovich, Tomaka, & Kelsey, 1991), that physical contact during a stressful task decreases heart rate and blood pressure (e.g., Ditzen et al., 2007), that emotional support from a romantic partner prior to a stressful task reduces cortisol reactivity (Collins et al., 2014), and that spouses' expressions of intimacy (physical affection) are associated with lower daily cortisol levels, especially among those who experience high work-related stress (Ditzen, Hoppmann, & Klumb, 2008).

In contrast to SOS support, an immediate outcome of receiving RC support should be increased activation of neural areas associated with reward, positive affect, positive challenge, representation of goals, decision making, and dopamine release (i.e., the striatum, orbitofrontal cortex, medial prefrontal cortex, ventral tegmental area, and amygdala; Aron et al., 2005; Forbes & Dahl, 2005; Schultz, 2000; Spanagel & Weiss, 1999). These activations should be linked to adaptive immune, endocrine, and cardiovascular functioning associated with positive affect and positive challenge. In contrast to SOS support, RC support is likely to generate more activated forms of positive emotions (e.g., excitement), which may lead to increased cardiovascular responding (Pressman & Cohen, 2005) reflecting a challenge (vs. threat) cardiovascular pattern that occurs when individuals evaluate their resources as outweighing their task demands (Blascovich, 2008a). RC support also should result in lower levels of stress hormones and adaptive immune functioning given its proposed effect on positive emotion, which has been linked with these physiological processes (Pressman & Cohen, 2005), and in increases in anabolic processes (growth and mineralization of bone and increases in muscle mass) likely to occur as a result of actively pursuing life opportunities (physical activity, for example, K. M. Baldwin & Haddad, 2002; Cooper, 1994; Kjaer et al., 2005). This is consistent with work indicating that social support/loneliness/positive social interactions may influence health via changes in the cardiovascular, endocrine, and immune systems (e.g., Friedman & Ryff, 2012; Hawkey & Cacioppo, 2003; Heaphy & Dutton, 2008; Uchino, Uno, & Holt-Lunstad, 1999).

*Lifestyle behaviors.* Immediate changes in lifestyle behaviors should result from the receipt of SOS support. This includes a healthier diet (e.g., less stress-induced eating); better sleep quality (as sleep is not inhibited by feelings of distress or rumination on life adversity); decreased use of alcohol, smoking, or other addictive substances as a means of coping with stress; and better adherence to medical regimens. SOS support also can enable the recipient to engage in behaviors (e.g., resting, taking breaks) that promote the rebuilding of depleted mental and physical resources.

Increased physical and mental activity is especially likely to be influenced by support that encourages one to embrace life opportunities. RC support should not only stimulate one physically, but should also enhance cognition and brain activity associated with such enhanced cognition (Cracchiolo et al., 2007). Additional lifestyle behaviors likely to be affected by RC support include engagement in restorative or recreational activities, as these activities represent a category of opportunities that people who receive RC support are more likely to embrace. Physical and mental stimulation and restorative activities should in turn foster a healthier diet and better sleep quality. Indirect support for these lifestyle predictions is provided by research showing that greater positive affect is associated with improved sleep quality (Bardwell, Berry, Ancoli-Israel, & Dimsdale, 1999), more exercise (Ryff, Singer, & Dienberg Love, 2004), greater engagement in restorative activities (A. W. Smith & Baum, 2003), and more intake of dietary zinc (Pressman & Cohen, 2005).

*Mediators predicting long-term thriving.* As shown in Figure 1 (Paths *c* and *f*), the immediate outcomes of receiving SOS and RC support should, over many interactions, make independent contributions to long-term thriving outcomes. This perspective considers immediate outcomes of support interactions to be important because they have a cumulative impact on long-term outcomes. With regard to SOS support, if an individual experiences reduced anxiety, increased feelings of security and hope, reduced autonomic reactivity to stress, positive coping, increased motivation to face the adversity and then rebuild, problem resolution, and increased trust/closeness after interacting with significant others when distressed, then these experiences should, over time, contribute to thriving in terms of enhanced prospects for good mental and physical health, relationship growth/prosperity (social well-being), and both hedonic (happiness, life satisfaction) and eudemonic (personal growth, movement toward full potential) well-being. Receiving SOS support can have positive effects on thriving that more than compensate for the negative effects of the stressor. Thus, buffering the effects of stressors is not the sole purpose of SOS support.

Likewise, the immediate outcomes of receiving RC support should (over many interactions) make independent contributions to the long-term thriving outcomes. If an individual

experiences felt enthusiasm/excitement, a release from guilt and failure concerns, increased confidence/empowerment/self-esteem, successful engagement in life opportunities, adaptive physiological responses to challenge, and healthy interdependence after interacting with significant others regarding life opportunities, then these support experiences should, over time, contribute to thriving above and beyond contributions made by SOS processes.

Because the social support literature has not traditionally studied dyadic interaction or focused on thriving, there are few studies that directly test these predictions. The strongest evidence for Paths *c* and *f*, Figure 1, comes from studies linking social support to long-term relationship outcomes in couples. These studies show that responsive support engenders relationship benefits over time including increased satisfaction, intimacy, and trust (e.g., Acitelli, 1996; Carnelley, Pietromonaco, & Jaffe, 1996; Cutrona, 1996a; J. A. Feeney, 1996; Julien & Markman, 1991; Pasch & Bradbury, 1998; B. R. Sarason, Sarason, & Pierce, 1990; Sullivan, Pasch, Johnson, & Bradbury, 2010).

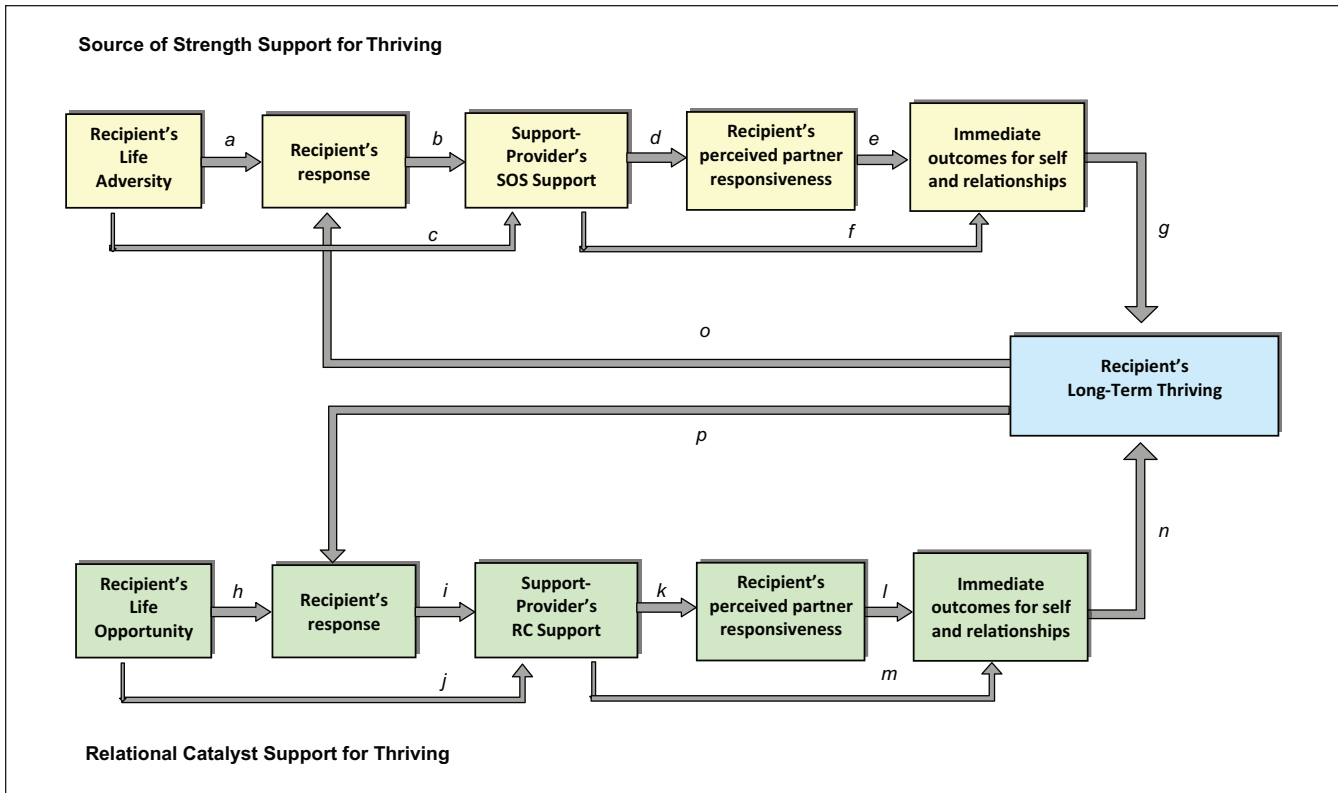
Indirect support for Path *c* is provided by studies linking the experience of optimism (Carver & Scheier, 2009; Rasmussen, Scheier, & Greenhouse, 2009), hope (Snyder, Irving, & Anderson, 1991), forgiveness (Tsang, McCullough, & Fincham, 2006; Witvliet, Ludwig, & Vander Laan, 2001; Worthington, & Scherer, 2004), amusement (Fredrickson, Mancuso, Branigan, & Tugade, 2000; Giuliani, McRae, & Gross, 2008; Martin, 2002), gratitude (Emmons & McCullough, 2003; Lambert, Clark, Durtschi, Fincham, & Graham, 2010), and positive affect (Folkman & Moskowitz, 2000; Tice, Baumeister, Shmueli, & Muraven, 2007) to improved coping, self-regulation, and various indicators of psychological well-being. Additional indirect support comes from empirical research linking coping (e.g., Carver, 2011; Denson, Spanovic, Miller, & Denson, 2009; Park, 1998); anger, anxiety, and depression (e.g., Kubzansky, Cole, Kawachi, Vokonas, & Sparrow, 2006; Sirois, & Burg, 2003; T. W. Smith et al., 2008); shame (e.g., Dickerson, Gruenewald, & Kemeny, 2004); perceived stress (e.g., Cohen, Tyrrell, & Smith, 1991; Cohen & Williamson, 1991; DeLongis, Folkman, & Lazarus, 1988; Herbert & Cohen, 1993); physiological threat responses (e.g., Blascovich, 2008b); and relationship trust (e.g., Schneider, Konijn, Righetti, & Rusbult, 2011) to indicators of physical health and resilience.

The predictions regarding RC support enabling an individual to thrive (Path *e* and *f*, Figure 1) are consistent with research showing that spouses' support of exploration behavior and goal strivings predicts recipients' greater engagement in exploration activities, greater likelihood of attaining goals over time, and increases in personal growth over the first year of marriage (Brunstein et al., 1996; B. C. Feeney, 2007; B. C. Feeney & Van Vleet, 2010; Van Vleet & Feeney, 2011)—and with research indicating that responsive parental support underlies healthy exploration behavior and the development of autonomy in children (Ainsworth, Blehar,

Waters, & Wall, 1978; Belsky, Rovine, & Taylor, 1984; Bowlby, 1988) and adolescents (J. P. Allen & Land, 1999; D. Moore, 1987; Noom, Dekovic, & Meeus, 1999). Other supporting evidence indicates that personal goal strivings motivated by one's close relationships predicts goal attainment and well-being (Gore & Cross, 2006, 2010), and that a romantic partner's behavioral affirmation of one's ideal self helps individuals move closer to their ideal selves over time (Rusbult et al., 2009).

The processes linking support for life opportunities to thriving in terms of psychological and physical health is supported by a longitudinal study with newlyweds showing that responsive support during the first year of marriage predicts better psychological and physical health 1 year later (Van Vleet & Feeney, 2011) and by studies indicating that the successful pursuit of personally meaningful goals is related to elated versus depressed mood, happiness, and satisfaction with life (Brunstein, 1993; Brunstein, Schultheiss, & Grassman, 1998; Emmons, 1986; Emmons & King, 1988; Omodei & Wearing, 1990; Pals & Little, 1983; Ruehlman & Wolchik, 1988; Sheldon et al., 2010; Yetim, 1993; Zaleski, 1987). Additional evidence is provided by research linking positive emotions such as excitement, enthusiasm, and curiosity (emotions elicited or amplified by RC support) to psychological and physical health (Cohen & Pressman, 2006; Fredrickson, 2000; Kashdan, McKnight, Fincham, & Rose, 2011; Kashdan & Silvia, 2009; Pressman & Cohen, 2005; Pressman et al., 2009). As a whole, these studies show that individuals high (vs. low) in well-being pursue goals that are important, fulfilling, challenging, fueled by optimistic expectations, and assisted by others (Little, Salmela-Aro, & Phillips, 2007). The current perspective emphasizes that the interpersonal dynamics surrounding *assistance by others* plays a vital role in driving the effects of goal strivings on well-being.

Longitudinal studies that support this idea show that perceptions of goal attainability and social support for personal goals predict changes in subjective well-being over time (Brunstein et al., 1996), and that favorable conditions to attain personal goals lead to high progress in goal achievement that translate into enhanced well-being (Brunstein, 1993). Of all the variables assessed, support of personal goals by significant others was the most powerful predictor of subjective well-being (Brunstein, 1993). Likewise, Ruehlman and Wolchik (1988) showed that project-relevant social support and hindrance, particularly from the person most important to an individual, accounted for variations in psychological well-being and distress. These effects are consistent with the perspective advanced here and with other researchers' speculations that social resources and networks contribute to mental health by encouraging the setting of personal goals and helping people achieve them (Diener & Fujita, 1995; Robbins, Lee, & Wan, 1994). In addition, indirect evidence for the effects of RC support on subjective well-being and mental health comes from work showing that



**Figure 2.** Model of interpersonal processes involved in the provision of SOS and RC support for thriving.

Note. SOS = source of strength; RC = relational catalyst.

support for competency, autonomy, and relatedness are associated with greater well-being among nursing home residents, with better performance and well-being in the workplace, and with well-being indicators including self-esteem, self-actualization, and a lack of depression and anxiety (Deci, La Guardia, Moller, Scheiner, & Ryan, 2006; Ryan & Deci, 2000).

Evidence for the effects of RC support on thriving in terms of social well-being comes from studies showing that spousal support for personal goals predicts relationship satisfaction (Brunstein et al., 1996; Kaplan & Maddux, 2002), that people draw closer to significant others who are instrumental in the accomplishment of their goals (Fitzsimons & Finkel, 2011; Fitzsimons & Fishbach, 2010; Fitzsimons & Shah, 2008), that responsive secure base support (a component of RC support) during the first year of marriage predicts increases in relationship quality 1 year later (Van Vleet & Feeney, 2011), and that capitalization support (a component of RC support) received from friends, family, and romantic partners during a 2-week diary period predicts increases in general perceptions of support from one's social network 2 months later (Gable, Gosnell, Maisel, & Strachman, 2012, Study 3).

*Elaborated model of interpersonal, dyadic processes.* Thus far, our discussion has focused on macro-level processes linking

relational support to long-term thriving outcomes; but it is also important to understand the micro-dynamics of SOS and RC support as they unfold in dyadic interaction. Thus, a goal of the present framework is to understand the links between close relationships and thriving by specifying the interpersonal support processes that occur in dyadic interaction. Toward this end, Figure 2 provides an elaborated model of the interpersonal processes involved in the provision of SOS and RC support for thriving. This model depicts an expansion of the boxes labeled "interpersonal SOS support processes" and "interpersonal RC support processes" in Figure 1.

*Interpersonal SOS support processes.* As shown in the top of Figure 2, the interpersonal SOS support process is set into motion with an individual's experience of life adversity, which can motivate SOS support through two possible pathways: (a) Adversity may lead an individual to feel/express distress and desire proximity to and support from a close relationship partner (Path *a*; Bowlby, 1982; Collins & Feeney, 2000, 2005), and these support-seeking behaviors should motivate the partner to provide SOS support (Path *b*; Collins & Feeney, 2000; B. C. Feeney, Cassidy, & Ramos-Marcuse, 2008; B. C. Feeney & Collins, 2001; Simpson et al., 1992). (b) Alternatively, just the knowledge that an individual is experiencing an adverse event is often enough to motivate SOS support from close others without the individual



having to explicitly seek support (Path *c*). Close others are likely to know when one is distressed (or when a situation is likely to cause distress) and provide support spontaneously and proactively.

In the next stage of the model, having someone who provides effective SOS support should result in the recipient perceiving that this behavior was supportive and responsive (Path *d*). This is consistent with research showing that subjective perceptions of support quality are predictable from actual features of the support-provider's behavior (Barbee & Cunningham, 1995; Collins & Feeney, 2000, 2004; Cutrona & Suhr, 1992; Dakof & Taylor, 1990; Dunkel-Schetter, Folkman, & Lazarus, 1987; Fincham & Bradbury, 1990; Lakey, Orehek, Hain, & VanVleet, 2010; Lehman & Hemphill, 1990; Pierce, Baldwin, & Lydon, 1997). Then, perceptions of partner responsiveness should predict the immediate outcomes described previously (Path *e*) and mediate the link between SOS support provision and the immediate outcomes experienced by the recipient. Support behavior will be most effective when the recipient perceives that the provider both attended to and reacted supportively to core defining features of the self (Reis et al., 2004), and that one has been understood, validated, and cared for (Maisel & Gable, 2009; Reis & Patrick, 1996; Reis & Shaver, 1988).

There are times, however, when the immediate outcomes may be predicted directly from the receipt of SOS support (Path *f*), and not mediated by the recipient's judgments or awareness of the support received (see Uchino et al., 2012). This occurs when SOS behavior is supportive without being perceived as such, including (a) when support is provided outside of the recipient's awareness because it is subtle, indirect (e.g., the mere presence of a significant other can reduce threat; Coan et al., 2006), or otherwise invisible (e.g., giving a partner time/space; Bolger & Amarel, 2007; Howland & Simpson, 2010), or (b) when support is necessary but not initially appreciated by the recipient (e.g., encouraging a depressed partner to get needed therapy may be supportive even if it initially irritates the partner). Finally, the immediate outcomes are predicted to shape thriving as described previously (Path *g*).

**Interpersonal RC support processes.** As depicted in the bottom of Figure 2, the interpersonal process surrounding RC support is set into motion with a potential life opportunity, which can motivate RC support through two pathways: (a) A potential life opportunity may motivate an individual to express thoughts and feelings about the opportunity with a relationship partner and to seek opportunity-relevant support as needed (Path *h*), and this behavior should motivate the partner to provide RC support (Path *i*). (b) Alternatively, the knowledge of an individual's potential life opportunity may motivate RC support from a partner without the individual having to explicitly seek or express a need for it (Path *j*). Sensitive and responsive relationship partners are likely to be emotionally connected to one another, and thus aware of

one another's potential opportunities (and reactions to them) and provide RC support proactively.

Next, the recipient's perception of the partner's behavior should depend on the degree to which the partner effectively provides RC support (Path *k*). Sensitive and responsive provision of RC support should result in the recipient perceiving that it was supportive and caring (B. C. Feeney, 2004; B. C. Feeney & Thrush, 2010). Then, perceptions of partner responsiveness should predict the immediate outcomes described previously (Path *l*) that are mediators of the link to long-term thriving through RC support (Path *n*). Alternatively, the immediate outcomes may be predicted directly from the receipt of RC support (Path *m*) in cases when (a) support is provided invisibly (e.g., the non-intrusive waiting role that is part of being a secure base may be invisible; directing attention to opportunities may be so subtle that recipients do not know they are being supported; sensitive support in this context may leave the recipient feeling independent rather than supported), and (b) being supportive involves telling the partner something they may not want to hear (e.g., that they are barking up the wrong tree, as adaptive self-regulation involves disengaging from goal pursuits that are unlikely to be fruitful; Wrosch et al., 2003). Then, the immediate outcomes of receiving RC support, which are relatively circumscribed to the particular situation, predict the long-term thriving outcomes described previously (Path *n*).

**Thriving influences on future life experiences.** Thriving individuals possess both personal and relationship fortitudes that should influence their experiences of, and reactions to, future life adversities (Figure 2, Path *o*) and opportunities (Figure 2, Path *p*). Individuals who are thriving in all the ways described previously (see Table 1) should experience, perceive, and approach adversities and opportunities in a more proactive and healthy manner than individuals who are not thriving. When encountering these life experiences, thriving individuals should be less distressed by and physiologically reactive to stressors, they should have a greater desire to pursue opportunities for growth, and they should experience increased approach (vs. avoidance) motivation in both life contexts (Carver, 2006; Elliot, 2008; Gable, 2006).

Research supporting these predictions shows that individuals who perceive support to be available to them also view themselves as competent and as having a variety of positive attributes that are likely to help them deal with stress (B. R. Sarason et al., 1991). Thus, thriving individuals are likely to appraise the demands of a situation as within their ability to cope (Folkman, Lazarus, Dunkel-Schetter, DeLongis, & Gruen, 1986; Lazarus & Folkman, 1984) and to have a higher threshold for attachment system activation (Bowlby, 1982; Bretherton, 1987). These predictions are also consistent with research showing that hardiness buffers the physical effects of stress on the body (Contrada, 1989; Solcova & Sykora, 1995; Woodard, 2004) and that individuals who have self-affirmational resources are less reactive to and defensive about

stressors because their overall feelings of self-integrity rely less on the outcome of that particular stressor (e.g., Creswell et al., 2005; Crocker, Niiya, & Mischkowski, 2008; Kumashiro & Sedikides, 2005; Murray, Bellavia, Feeney, Holmes, & Rose, 2001; Sherman & Cohen, 2006).

**Cultivating effective support.** Given the proposed centrality of SOS and RC support for thriving, it is important to consider how individuals can cultivate effective support in their relationships. Unfortunately, very little theoretical or empirical work has focused on the factors that promote or hinder effective social support processes in close relationships. Because social support is part of an interpersonal process, both the provider and recipient bear responsibility for cultivating effective support. We highlight the roles of both the provider and recipient next.

**Support-provider.** The provision of responsive support within each life context requires the support-provider to possess at least three prerequisites—skills, resources, and motivation—each of which may be influenced by personality or individual difference factors (Collins et al., 2010; B. C. Feeney & Collins, 2003). First, effective support provision requires a variety of *skills* including knowledge about how to support others (B. C. Feeney & Collins, 2001; Johnson, Hobfoll, & Zalcberg-Linetzy, 1993), perspective-taking abilities, the ability to regulate one's own emotions, and the ability to comprehend and accurately interpret others' thoughts and feelings (empathic accuracy; Verhofstadt, Buysse, Ickes, Davis, & Devoldre, 2008; Verhofstadt, Ickes, & Buysse, 2010). These skills may be general (applying across different relationships) or relationship-specific (e.g., understanding how to support one sibling but not another).

Second, support-providers must possess adequate cognitive, emotional, and tangible *resources*. Without such resources, even a highly skilled support-provider may not have the capacity to provide responsive support. One can lack resources either chronically (e.g., chronic worry) or situationally (e.g., a highly demanding day at work). For example, to be responsive, one must possess adequate self-regulatory resources (Vohs & Heatherton, 2000), which can be depleted when experiencing conditions of anxiety or depression, or when exerting self-control during one task (e.g., providing support to one's child) leads to decrements on a subsequent task (e.g., providing support to one's spouse). If self-regulatory resources are depleted, support-providers may become self-focused, unable to inhibit unhelpful behaviors (e.g., criticism), and lack the patience needed to be cooperative and non-intrusive in their support efforts (Gailliot, 2010; Neff & Karney, 2009). Tangible resources also may be necessary, which may include material resources (e.g., money) and social resources (e.g., having one's own support network). Yet again, these resources may be in short supply either chronically (e.g., long-term financial difficulties) or situationally (e.g., competing demands for one's resources).

Third, support-providers must possess the *motivation* to provide responsive SOS and RC support. Two aspects of motivation are important: (a) one's overall degree of motivation to provide support and (b) the specific form of that motivation. First, because support provision often requires effort, as well as skills and resources, support-providers must be motivated to accept that responsibility and use their skills and resources in the service of another. Research shows that individuals differ in the degree to which they feel responsible for the welfare of another (Clark & Mills, 1993; Williamson, Clark, Pegalis, & Behan, 1996) and in resulting motivation to provide support (B. C. Feeney & Collins, 2003; B. C. Feeney et al., 2013). Felt responsibility may differ between people (e.g., a general communal orientation; Clark & Mills, 1993), relationships (e.g., felt responsibility for a particular person; Monin, Schulz, Feeney, & Cook, 2010; communal relationship strength, Mills, Clark, Ford, & Johnson, 2004), or situations (e.g., heightened sense of responsibility in response to a strong need; B. C. Feeney & Collins, 2001).

Second, support-providers may differ in the degree to which they are motivated by *altruistic* concerns (the desire to promote another's welfare) or *egoistic* concerns (the desire to gain explicit benefits for the self or to avoid sanctions; Batson & Shaw, 1991). We suggest that support-providers will be most effective when they are more altruistically motivated by empathic concern (Batson & Shaw, 1991), more approach (vs. avoidance) oriented toward giving to close others (Impett, Gable, & Peplau, 2005), and more intrinsically motivated to care for others (B. C. Feeney & Collins, 2003; B. C. Feeney et al., 2013). This is consistent with research showing that support-providers who are motivated by altruistic concerns are more effective than those who are motivated by egoistic concerns; that support motivations vary depending on factors such as adult attachment style, feelings of responsibility, and feelings of love/concern for the person in need (B. C. Feeney & Collins, 2001, 2003; B. C. Feeney et al., 2013); that compassionate love is associated with increased support provision in close relationships (Collins et al., 2014; Sprecher & Fehr, 2005); and that compassionate goals foster mutually supportive friendships whereas self-image goals undermine them (Canevello & Crocker, 2010).

**Support-recipient.** Currently, the bulk of the literature considers the support-recipient as relatively passive, as if the recipient has no responsibility in shaping his or her support outcomes. However, support-recipients can cultivate effective support by reaching out to others (vs. withdrawing), expressing needs in a clear and direct manner, being receptive to others' support efforts, regulating demands on others (not taxing their social network), expressing gratitude, engaging in healthy dependence and independence, building a dense relationship network, and providing reciprocal support. As we discuss shortly, mutual responsiveness to need (accepting support when needed, and being willing and able

to provide support in return) should cultivate the types of mutually caring relationships that enable people to thrive.

There is some limited evidence showing the important role of the support-recipient in eliciting positive or negative support outcomes. For example, direct support-seeking behavior elicits more helpful forms of support from relationship partners, insecurity is linked with ineffective support-seeking behaviors (Collins & Feeney, 2000; Mikulincer & Florian, 1995; Mikulincer & Shaver, 2009; Ognibene & Collins, 1998; Simpson et al., 1992; Simpson, Rholes, Orina, & Grich, 2002), and attachment security predicts reactions to support received from relationship partners (Simpson et al., 2007). Interpersonal trust also has been associated with help seeking behaviors that involve revealing distress and vulnerability (Mortenson, 2009). However, there is a clear gap in the literature on the role of the support-recipient in cultivating or hindering support processes and positive support outcomes, and this will be a high priority for future research.

*Mutual responsiveness: Thriving through giving and receiving support.* Research on social support and health has focused almost exclusively on the benefits accrued to the individual receiving support. However, models of optimal well-being recognize the importance of giving to others. As part of our integrative perspective on thriving, we bring these viewpoints together and postulate that giving SOS and RC support is important for the provider's thriving and well-being as well, and important for the development and maintenance of thriving relationships—through both intrapersonal and interpersonal pathways.

With respect to *intrapersonal* pathways, individuals who provide effective SOS and RC support and see that their efforts were successful and appreciated should experience benefits including increases in positive emotions and self-evaluations, and a sense of meaning in life. Responsive support provision also should have direct effects on the provider's own neural and physiological processes associated with social connection that contribute to health and well-being. It has been suggested that people have an inherent need to provide care to others and will be healthier to the extent that they are able to fill this need (Bowlby, 1982; Deci et al., 2006). These predictions are supported by research showing that providing care to loved ones predicts reduced morbidity and mortality (e.g., Brown, Nesse, Vinokur, & Smith, 2003; Brown et al., 2009; O'Reilly, Connolly, Rosato, & Patterson, 2008) and reduced cardiovascular arousal (Piferi & Lawler, 2006) for the support-provider; providing autonomy support to a friend predicts the support-provider's psychological health (Deci et al., 2006); helping another with whom one would like to have a communal relationship improves the helper's mood and self-evaluations (Williamson & Clark, 1989); and spending money on others has a more positive impact on the giver's happiness than spending money on oneself (Aknin et al., 2013; E. W. Dunn, Aknin, & Norton, 2008). Supporting a loved one increases feelings of

social connection, as well as ventral striatum and septal area activity in the brain, which is associated with reduced amygdala activation (Inagaki & Eisenberger, 2012) and high densities of oxytocin and opioid receptors (Zubieta et al., 2001) that have implications for reduced sympathetic nervous system (SNS) and hypothalamic-pituitary-adrenal (HPA) responses (Uvnäs-Moberg, 1998) and for inhibiting the production of pro-inflammatory cytokines (see Eisenberger & Cole, 2012, for a review).

With respect to *interpersonal* pathways, individuals who provide effective SOS and RC support will have significant others who are happier, healthier, and more willing and able to provide responsive support in return; they will also cultivate relationships that are satisfying, trusting, intimate, and communal—characteristics that benefit both relationship partners. These predictions are supported by research showing that giving (as well as receiving) support is linked to spouses' marital satisfaction (Brunstein et al., 1996; Kaplan & Maddux, 2002), that support reciprocity in couples is an important predictor of daily emotional well-being (Gleason, Iida, Bolger, & Shrout, 2003) and relationship closeness (Gleason et al., 2008), and that the provision of responsive support increases the recipient's expression of gratitude and affection (Collins et al., 2014), as well as the recipient's prosocial motivation and behavior (Reis et al., 2010) toward the provider. Thus, this perspective on thriving through relationships predicts that caring for the needs of others creates an upward spiral of positivity, a virtuous cycle that benefits both provider and recipient (Canevello & Crocker, 2010). In contrast, deficiencies in caring for others (e.g., being inconsistently responsive, over-involved, neglectful/disengaged, or negative/demeaning) create significant others who are insecure, over-reactive to stressors, unhappy in their relationships, and experiencing deteriorations in psychological and physical health—characteristics that impede the recipient's responsiveness to the provider and that inhibit the provider's thriving as well.

*Perceived versus received support for thriving.* A predominant portion of the social support literature has focused on social support as a predictor of mental and physical health (e.g., Cohen, 1988, 2004, 2005; Cohen & Syme, 1985; Cohen & Wills, 1985; Kawachi & Berkman, 2001; B. R. Sarason et al., 1997; Uchino, 2009; Uchino et al., 1996; Vaux, 1988), which are important components of thriving. As mentioned above, in this literature social support is typically assessed via self-reports of perceived available support or support received within a certain time period. Few studies have included observations of support behaviors (and related interpersonal dynamics) as they unfold during support interactions with close relationship partners, and almost none have followed people over time to assess the extent to which these relational dynamics predict health outcomes. Social support, although an *interpersonal* construct, has been examined more from an *intrapersonal* perspective.



This may explain why there have been inconsistencies in the literature regarding effects of social support on health (see also Uchino, 2009). One of the most widely reported findings is that *perceived available support* (the relatively stable belief that help will be available if needed), as opposed to *received* or *enacted support* (help that is actually received), is the aspect of social support that is most strongly related to health outcomes (Blazer, 1982; Cohen & Wills, 1985; Helgeson, 1993; Kessler & McLeod, 1984; Uchino, 2004, 2009). Reviews of this literature have concluded that the majority of studies find no relation between self-reports of received support and mental health outcomes (e.g., Barrera, 1986; Dunkel-Schetter & Bennett, 1990; B. R. Sarason et al., 1990), and when such a link is found there is inconsistency across studies in the specific pattern of results (for a review, see Uchino, 2009). Some studies show that received support is clearly linked to better health (e.g., Collins et al., 1993; Costanza, Derlega, & Winstead, 1988; Winstead et al., 1992), whereas others find that it is associated with worse health (e.g., Forster & Stoller, 1992; Krause, 1997; Pennix et al., 1997).

The current conceptual framework may both help explain why perceived available support has emerged as such an important predictor of health and well-being, and help make sense of the conflicting findings regarding received support. First, as depicted in Figure 2, the support-recipient's subjective perception of a specific support interaction should be an important intermediary between enacted support (support behavior provided) and the recipient's outcomes. Support that is delivered sensitively and responsively will be more likely to be subjectively perceived as supportive. However, measures of received support typically do not assess support quality, or the extent to which those behaviors were responsive to the support-receiver's needs (for an exception, see Rini et al., 2006). This is an important oversight given that daily diary research finds that enacted social support is beneficial only when it is perceived as responsive to the recipient's needs (Maisel & Gable, 2009). This emphasis on perceived responsiveness is consistent with the matching hypothesis (Cohen & McKay, 1984; Cohen & Wills, 1985), which states that the stress-buffering effects of social support occur only when there is a match between the needs elicited by the stressful event and the functions of support that are perceived to be available, and with the optimal matching model of stress and social support (Cutrona, 1990; Cutrona & Russell, 1990; Cutrona & Suhr, 1992), which states that the effectiveness (and perceived supportiveness) of a specific support attempt depends on the match between the enacted behavior and the context in which it is enacted.

Second, inconsistency in the consideration of received support from close versus non-close others is likely to explain inconsistency in the literature linking received support to health outcomes. Measures of received support rarely assess the sources of support, or differentiate support received from close versus non-close others. The presence or absence of support from close social ties (e.g., friends,

family, intimate partners), and within relationships that are highly interdependent, is likely to be more influential than support from peripheral social ties (Thoits, 2011). Moreover, the support, affection, and acceptance (or lack thereof) from close versus non-close others is more likely to affect one's overall sense of security and well-being (Bowlby, 1982). Thus, we suspect that health (and thriving) is more strongly affected by support processes that occur within one's closest relationships than by those that occur with strangers or non-close others, and this may be a reason why so many social support interventions have been inconclusive (see Cohen, Gottlieb, & Underwood, 2000; Helgeson & Cohen, 1996; Helgeson, Cohen, Schulz, & Yasko, 2000, for discussions of social support interventions).

Third, inconsistencies in the literature may have arisen because measures of received support focus almost exclusively on support received during times of stress or adversity and have largely ignored support received during non-adverse times, such as support received for goal strivings and personal growth (e.g., secure base support; B. C. Feeney & Thrush, 2010) or support received in response to positive life events and successes (e.g., capitalization support; Gable & Reis, 2010). By focusing on a very narrow definition of social support, research on received support has likely underestimated links between enacted support and well-being. In contrast, measures of perceived available support tend to encompass a broader range of life contexts and are more likely to recognize that social support occurs in both good and bad times. For example, in addition to support during times of adversity, such measures also include more general aspects of social connection such as companionship, shared community, reassurance of worth, and the perception that one is valued and accepted by others (e.g., Cohen, Mermelstein, Kamarck, & Hoberman, 1985; Cutrona & Russell, 1987; I. G. Sarason, Sarason, Shearin, & Pierce, 1987).

Finally, our view is that the link between social support and any thriving outcome (including health) cannot be adequately assessed without careful attention to the relational dynamics surrounding specific instances of received support. Thus, social support must be viewed as part of an interpersonal process such that specific instances of enacted support are assessed within the context of actual support interactions that are embedded within particular relationship contexts. This is consistent with Uchino's (2009) emphasis on the current context as being important to consider when examining effects of received support. One implication is that self-report methodologies are not sufficient for understanding social support processes as they unfold in dyadic interaction, or for understanding how these processes shape thriving outcomes. Studies of received support may have underestimated links between enacted support and health because they have relied too heavily on self-report methods.

Consistent with this idea, laboratory studies have solidly documented beneficial effects of received support on physiological or neural reactivity during acute stressors (e.g., K.



M. Allen et al., 1991; Collins et al., 2014; B. C. Feeney & Kirkpatrick, 1996; Gerin, Pieper, Levy, & Pickering, 1992; Lepore, Allen, & Evans, 1993). These studies are important not only because they document significant benefits of enacted support but also because they speak to underlying mechanisms by which social support might translate into long-term thriving outcomes. In these studies, support provision typically is operationalized as the presence of a close, non-evaluative, and supportive other. Compared with self-report studies, these studies offer more rigorous tests of the effects of received support because the stressful situations are held constant, support behavior is standardized across participants, and effects are observed in real-time instead of reported retrospectively. In addition, it is noteworthy that most of these effects have been obtained with close others. Although there are studies that show buffering effects on physiological or neural reactivity with non-close others (i.e., study confederates; Gerin et al., 1992; Lepore et al., 1993), the few studies that have included both close and non-close support providers (e.g., Coan et al., 2006) indicate a more limited attenuation of activation when supported by a non-close other.

Observational research that examines received support from close others in the context of dyadic interaction (e.g., Collins & Feeney, 2000; Cutrona & Suhr, 1992; B. C. Feeney & Thrush, 2010; Simpson et al., 1992) also has shown beneficial effects of received support on outcomes relevant to thriving. This is most likely because support behaviors in observational studies are coded by trained observers who take into account the degree to which enacted behaviors seem sensitive and responsive to the recipient's needs. Likewise, studies that experimentally manipulate responsive support provision show that caring support from a romantic partner during an acute stressor has immediate benefits on personal and relational well-being (e.g., Collins & Feeney, 2004; Collins et al., 2014; B. C. Feeney, 2004; Kane et al., 2012). Taken together, then, the literature suggests that both perceived and received support play an important role in shaping thriving outcomes (see Uchino, 2009, for discussion of the unique antecedents and consequences of perceived vs. received support for health).

Given the well-established links between perceived social support and health, where does perceived support fit within the thriving framework outlined here, in which social support is conceptualized as an interpersonal process? Perceived support is integrated into our model in three important ways. First, general perceptions of support are conceptualized as a long-term thriving outcome—a key indicator of social well-being—that arises from many specific interactions with significant others in which SOS and RC support is enacted (Figure 1, Paths *c* and *f*). In our prior work, we have shown that people's perceptions of the support they received from significant others during a laboratory interaction were clearly rooted in the objective features of their significant other's behavior (Collins & Feeney, 2000, 2004). We suggest

that, over time, these specific perceptions form the building blocks of more *general* perceptions of social support—just as specific support interactions (earlier in life) are presumed to form the basis of one's internal working models of self and others (Ainsworth et al., 1978; Bowlby, 1982). This idea is consistent with Uchino's (2009) suggestion that general perceptions of support begin to emerge from interactions within the family, and become part of a relatively stable psychosocial profile in adolescence and adulthood (see also B. R. Sarason, Sarason, & Shearin, 1986).

A second way in which perceived support is incorporated into our model concerns the influence of thriving outcomes (personal and relational fortitudes) on subsequent life experiences (Figure 2, Paths *o* and *p*). Our model assumes that perceptions of available support (one of many personal fortitudes) will shape responses to subsequent life stressors and life opportunities. For example, individuals who perceive support to be readily available should be less psychologically and physiologically affected by stressors and should be more willing to approach opportunities for growth compared with those who do not possess this fortitude. Finally, a third way in which general perceptions of support are incorporated into our model concerns their role in shaping the interpersonal support processes depicted in Figure 2. Perceived available support is an important individual difference factor that can influence any of the variables in the dyadic model, or moderate any of the paths in the model. For example, individuals who feel confident that they can rely on others for responsive support (high perceived support) should be more willing to seek support when needed, and more likely to interpret a support-provider's behavior in ways that are consistent with their positive interpersonal expectancies (e.g., Collins & Feeney, 2004; Lakey & Cassady, 1990; I. G. Sarason, Sarason, & Pierce, 1994).

### Roadmap for Future Research

By conceptualizing social support as an interpersonal process and viewing thriving as the desired end-state, the perspective advanced here has important implications for future research on social support, including (a) focusing on actual support behaviors that are enacted in dyadic interaction and the degree to which those behaviors are responsive to the needs of the recipient, (b) recognizing that social support in adverse life circumstances can do much more than buffer against negative effects of the stressor, (c) highlighting the importance of investigating social support in non-adverse life circumstances, (d) emphasizing the need to understand mediating pathways and mechanisms of action, and (e) focusing on close relationships as being central to facilitating or hindering thriving. Next, we provide a roadmap for advancing research on relational support for thriving.

A first step involves measurement of key constructs. In arguing for a consideration of thriving as an ultimate outcome, it is important to specify how this multi-faceted

construct might be operationalized and assessed. One means of doing so involves comprehensive measures that assess each component of well-being. For example, we have developed a Thriving Assessment Questionnaire (TAQ, B. C. Feeney & Collins, 2014) that asks respondents to report (on multi-item subscales) the extent to which they have grown or prospered over the last year in each area of their lives relevant to thriving (e.g., movement toward one's full potential, the development of skills/talents, self-discovery, wisdom gained, relationships with others, views of self, views of others, mental health, and physical health). Likewise, Ahrens and Ryff (2006, see also Ryff & Keyes, 1995) developed a measure that assesses specific dimensions of well-being (Ahrens & Ryff, 2006; Ryff & Keyes, 1995), including environmental mastery, purpose in life, personal growth, and autonomy (eudaimonic well-being); positive relations with others (social well-being); and self-acceptance (psychological well-being). Thriving can also be assessed with a combination of individually validated measures of (a) happiness (Diener & Diener, 1996) and life satisfaction (Diener, 1994) for hedonic well-being; (b) goal pursuit/self-growth (Ebner, Freund, & Baltes, 2006; B. C. Feeney, 2004, 2007; Scheier et al., 2006) and mastery/efficacy (Ahrens & Ryff, 2006; Sherer et al., 1982) for eudaimonic well-being; (c) self-views (Rosenberg, 1965), optimism (Scheier, Carver, & Bridges, 1994), and psychological symptoms (Derogatis & Melisaratos, 1983; Hu, Stewart-Brown, Twigg, & Weich, 2007) for psychological well-being; (d) relationship quality/functioning measures (Rempel, Holmes, & Zanna, 1985; Rusbult, Martz, & Agnew, 1998; Spanier, 1976) for social well-being; and (e) health symptoms (Brodman, Erdmann, & Wolff, 1974), physician visits, health-related behaviors, and sleep quality (Buysse, Reynolds, Monk, & Berman, 1989) for physical well-being. Observational and biological assessments of these components of thriving could be assessed as well.

It is also important to specify how the multi-faceted constructs of SOS and RC support might be operationalized and assessed in laboratory and survey research. One important means of doing this, as we advocate throughout, is by using observational methods that enable researchers to observe support interactions as they unfold during dyadic interaction. For example, researchers obtain video-recordings of individuals as they deal with life adversities or life opportunities (either naturalistic ones or ones that are presented to them in the lab) in the presence of particular relationship partners; see Collins & Feeney, 2000, 2004; Cutrona & Suhr, 1992; B. C. Feeney, 2004; B. C. Feeney & Thrush, 2010; Simpson et al., 1992, for examples. The proposed components of SOS and RC support (and related behaviors) can be coded from such interactions by independent observers who have been trained to reliability. This method can be supplemented by dyad member reports of support behaviors that were enacted during a specific interaction (obtained immediately after the interaction). In addition to observational methods, theory testing will be facilitated by the development of valid and

reliable self-report measures of perceived and enacted/received SOS and RC support. Toward this end, we have developed measures for assessing the extent to which a specific significant other typically enacts responsive SOS and RC support behaviors in relevant life contexts (B. C. Feeney & Collins, 2014); these measures can be adapted for daily diary research. Finally, the field will be advanced by the development of effective laboratory manipulations of SOS and RC support for use in experimental research. We have developed methods for manipulating components of SOS and RC support in prior research on secure base and safe haven support (Collins & Feeney, 2004; Collins et al., 2014; B. C. Feeney, 2004), and Reis and colleagues (Reis et al., 2010) have developed methods for manipulating capitalization support. These tools can be expanded or adapted to manipulate other components of SOS and RC support in specific laboratory contexts. We see great value in experimental methods for testing causal mechanisms, which have been elusive in the social support literature in part because of the field's heavy reliance on questionnaire methods. A multi-method approach will be imperative in the next generation of research on social support.

Aside from measurement, the proposed models highlight many specific, testable research questions and hypotheses for which evidence must accumulate. One key hypothesis is that the two support functions make unique contributions to thriving. Preliminary evidence for this hypothesis was provided in a longitudinal study of newlyweds (Van Vleet & Feeney, 2012), which found that support received in times of adversity and support received in non-adverse times (for goal strivings) predicted unique variance in marital satisfaction, general perceptions of partner responsiveness, and generalized anxiety over the first year of marriage. However, research is needed to establish the unique links between each support function and each thriving component. In particular, we need many more studies on support in non-adverse circumstances and how support in this context uniquely contributes to health and well-being. For example, aspects of thriving such as hedonic and eudaimonic well-being may be most strongly predicted by RC support (i.e., having close others who validate/facilitate/celebrate goals and dreams).

Also important to establish are the pathways by which the two support functions promote long-term thriving. The model makes predictions about specific emotional, motivational, behavioral, cognitive, neural, and physiological states that are likely to result from each support function. Research is needed to explore these immediate outcomes, the complex inter-relations among them, and their unique associations with specific thriving outcomes. Because research on *how* relational support can promote health is lacking, it will be especially important to test specific biological and lifestyle mediators that have implications for health (see G. E. Miller et al., 2009; Eisenberger & Cole, 2012, for discussion of biologically plausible models linking social relationships to health). In doing so, it will be important to examine the

immediate consequences of support received during the two types of support interactions to determine how these concrete interactions and immediate solutions shape longer term outcomes. This will require a range of methodologies including experimental research to test causal pathways, observational studies of dyadic interaction, daily diary and experience sampling studies, and longitudinal research.

The processes depicted in Figure 2 represent normative or prototypical social support dynamics. However, it is important to acknowledge that individual difference factors are likely to influence any of the variables in the model, or moderate any of the paths in the model. Not all individuals are willing to show vulnerability in times of stress, pursue life opportunities, and seek support when needed, and not all support-providers are skilled at providing SOS or RC support, nor motivated to do so. Moreover, pre-existing beliefs, expectations, and norms that individuals bring into their interactions may act as interpretative filters and shape the way they perceive and react to one another's behavior. Examples of individual difference variables likely to influence these processes include attachment security (e.g., Collins & Feeney, 2000; Elliot & Reis, 2003; Kuncze & Shaver, 1994; Mikulincer & Shaver, 2009; Simpson et al., 2007); general perceptions of available support (e.g., Lakey & Cassady, 1990; Pierce, Sarason, & Sarason, 1992); personality variables that reflect perseverance toward goals, such as conscientiousness and grit (Duckworth, Peterson, Matthews, & Kelly, 2007; Hough, 1992); rejection sensitivity (Downey & Feldman, 1996); agreeableness (Graziano, Habashi, Sheese, & Tobin, 2007); dispositional optimism (Carver & Scheier, 2009; Scheier & Carver, 1993); dispositional coping styles (Carver & Scheier, 1994; Carver, Scheier, & Weintraub, 1989); as well as gender role norms (Barbee et al., 1993; Burlinson, 2003) and cultural norms (Burlinson & Mortenson, 2003; Kim, Sherman, & Taylor, 2009; Schoebi, Wang, Ababkov, & Perrez, 2010). These individual difference variables involve cognitive, affective, and motivational structures that enable individuals to anticipate the responsiveness and availability of others, judge the worthiness and acceptability of the self, and develop strategies for regulating affect and maintaining security. Our hope is that this framework will inspire researchers to explore a variety of important dispositional, situational, relationship, and cultural influences on both SOS and RC support processes.

Relatedly, because theory and research has historically neglected the interpersonal aspect of social support, coping, and thriving in favor of the intrapersonal, an important contribution of this conceptual framework is that it emphasizes that interpersonal and intrapersonal processes are connected (with relational support functions at the core in underlying paths to both personal and relational well-being). That is, the interpersonal social support process is predicted to have an important influence on immediate and long-term outcomes that are both personal and interpersonal in nature—and these personal and relational outcomes are posited to influence

future responses to life adversities and opportunities. In the next generation of research on social support, it will be important to empirically establish the ways in which interpersonal and intrapsychic processes work together to determine thriving outcomes.

It is also important to consider how the current perspective applies across socioeconomic and demographic groups. Is the notion of thriving limited to privileged segments of society? Our perspective is that thriving, in the ways outlined here, is not limited in this way—just as Maslow (2011) argued that all people, rich or poor, educated or not, can achieve self-actualization (see also Koltko-Rivera, 2006). In related work, scores on dimensions of well-being identified by Ryff and Singer (2006, autonomy, environmental mastery, personal growth, positive relations, purpose in life, self-acceptance) were positively linked with socioeconomic status, suggesting that opportunities for self-realization may occur via the allocation of resources that enable those who have them to make the most of their talents and capacities. However, there is also evidence for resilience among those who lack socioeconomic advantage (Ryff, Singer, & Palmersheim, 2004), suggesting that self-realization is not exclusive to privileged segments of society.

Of course, it is important to acknowledge that individuals from disadvantaged environments confront stressors and challenges that make it more difficult for them to thrive compared with their more advantaged counterparts; and socioeconomic disparities in health and well-being are well-documented (e.g., Krieger, Chen, Waterman, Rehkopf, & Subramanian, 2005; Mensah, Mokdad, Ford, Greenlund, & Croft, 2005). However, our perspective is that individuals from all socioeconomic backgrounds will be most likely to thrive and reach their potential when they have caring social partners who offer support in both good times and bad times. These supports are equally important—and may be even more important—for children and adults who confront significant economic disadvantage, who may depend even more on family, friends, and mentors for security, hope, and inspiration. For example, Chen and Miller (2012) show that adolescents from socioeconomically disadvantaged backgrounds are able to maintain healthy patterns of coping (acceptance, optimism, persistence, hope) and healthy physiological profiles (as indicated by cardiovascular, immune, and metabolic markers) when they have caring social partners (nurturing mothers, caring mentors, and other positive role models) who provide support and inspiration (see also G. E. Miller et al., 2011, for related work on adults). Thus, while caring relationships cannot remove socioeconomic adversity (or take away illness or loss), they can increase the chances that individuals will flourish in whatever ways are afforded by the environments in which they are situated. Thus, in future work, it will be important to investigate the role of SOS and RC support within specific sociodemographic groups. Given similar environmental contexts, our model predicts that individuals with responsive close relationship partners (who

offer effective SOS and RC support) will be more likely to thrive than those who lack these interpersonal resources. Guided by this perspective, future empirical work could inform interventions that increase SOS and RC support in the lives of individuals who face economic disadvantage. Interventions may focus on building close supportive relationships (e.g., through mentors), and training support-providers to deliver responsive support that fosters growth and thriving.

Finally, future research should examine how the two support functions are concentrated or dispersed across core network members. Although our model focuses on functional aspects of social support, it is important to consider these functions in combination with structural aspects of social support (e.g., the number of social ties an individual has or how integrated the individual is within his or her social network). For example, it will be useful to examine who people turn to for these support functions, the degree to which their support network is specialized (e.g., an individual goes to some relational partners for SOS support and others for RC support) or generalized (e.g., an individual has one or more relational partners who provide both SOS and RC support), and resulting implications for thriving outcomes. By specifying two distinct support functions, we hope that future work on structural aspects of support will examine not only who provides support, but the different functions they might serve. Consistent with research indicating that health is best predicted by complex measures of social integration (Holt-Lunstad & Smith, 2012), we propose that complex networks provide access to caring social partners who fulfill needs for both SOS and RC support—and promote thriving in both the presence and absence of adversity.

Relatedly, although our theoretical framework focuses on close relationships, we believe that the dyadic processes and mechanisms described in our model are applicable to other types of relationships including teacher–student relationships, therapist–client relationships, mentor–mentee relationships, and pastor–parishioner relationships. We hope that our proposed model will lead to new ways of thinking about social support and helping in these other types of relationships by highlighting issues not typically addressed in their respective literatures.

Ultimately, our hope is that this perspective will be useful in developing and testing theory-based interventions for enhancing SOS and RC support and thriving outcomes. Prior research is clear in showing that good-quality relationships protect health and well-being, and poor-quality relationships hinder optimal well-being; but we still know relatively little about when, how, and why relationships have the impact they do. In a review of research on relationships and health, Uchino et al. (2012) concluded that “the weight of the evidence regarding what we know about social support and health versus its psychological mechanisms is so unbalanced as to hinder attempts at theoretical modeling or the design of well-informed interventions” (p. 954). A

lack of consideration of the specific interpersonal processes that underlie the effects of relationships on well-being, and a lack of grounding in a strong theoretical foundation, may be reasons why so many social support interventions have not had their intended effects (see Cohen et al., 2000; Helgeson et al., 2000, for a discussion of interventions). We hope that this framework will provide one such foundation for the development of relationship-based interventions aimed at promoting public health. This seems especially important given that the United Nations’ World Happiness Report (Helliwell, Layard, & Sachs, 2013), which was offered as a contribution to the policy debate regarding the world’s Sustainable Development Goals for the period 2015–2030, identified social support as one of the main contributors to the world’s mental health.

### Concluding Statement

The goal of this article was to present a theoretical perspective on thriving through relationships that highlights the importance of relational support in both adverse and non-adverse contexts. In doing so, we propose that researchers take a new look at social support and conceptualize it as an interpersonal process with the promotion of thriving as the ultimate objective. This perspective contributes to the literature by (a) providing an integrated conceptualization of thriving, (b) describing two support functions that work together to promote thriving, (c) considering social support within a life context (engagement in life opportunities for exploration and growth) that has been neglected in decades of research on social support, and within in a life context (dealing with life adversity) that has historically focused on buffering negative effects instead of promoting positive ones, (d) identifying mechanisms that explain the links between support and thriving, (e) emphasizing the importance of support within an interpersonal context and within one’s closest relationships, (f) focusing attention on the nature and quality of support provided, and (g) offering insight into how support-providers and recipients may cultivate responsive support. Whereas other perspectives on thriving compartmentalize relationships as one domain in which people may thrive, this perspective puts relationships at the forefront in facilitating or hindering thriving in each domain of well-being.

Although it requires effort to provide responsive SOS and RC support, the rewards of such care are likely to be great: Individuals who are supported in these ways are likely to be happy and healthy, confident in their abilities, self-reliant and bold in their explorations of the world, effective citizens who are unlikely to break down in adversity, active contributors to society, sympathetic and helpful to others, and capable of maintaining healthy and prospering relationships. They will not merely survive, but they will thrive, and they will do so with some passion, some compassion, some humor, and some style (Maya Angelo).



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