

## Loughborough University Institutional Repository

---

# *Parenting in youth sport: a position paper on parenting expertise*

This item was submitted to Loughborough University's Institutional Repository by the/an author.

**Citation:** HARWOOD, C.G. and KNIGHT, C.J., 2015. Parenting in youth sport: a position paper on parenting expertise. *Psychology of Sport and Exercise*, 16 (1), pp.24-35.

### **Additional Information:**

- This article was published in the journal, *Psychology of Sport and Exercise* [© Elsevier] and the definitive version is available at: <http://dx.doi.org/10.1016/j.psychsport.2014.03.001>

**Metadata Record:** <https://dspace.lboro.ac.uk/2134/16958>

**Version:** Accepted for publication

**Publisher:** © Elsevier

**Rights:** This work is made available according to the conditions of the Creative Commons Attribution-NonCommercial-NoDerivatives 4.0 International (CC BY-NC-ND 4.0) licence. Full details of this licence are available at: <https://creativecommons.org/licenses/by-nc-nd/4.0/>

Please cite the published version.

1 RUNNING HEAD: EXPERTISE IN SPORT PARENTING

2

3

4

5

6

7

8

9

10

11

Parenting in youth sport: A position paper on parenting expertise

1 **Abstract**

2 **Objectives:** In line with the aims of this special issue, the purpose of this paper is to forward  
3 a position on the concept of sport parenting expertise through the presentation of six key  
4 postulates.

5 **Design:** Literature review and position statement.

6 **Method:** By adopting methods associated with an academic position paper, a statement is  
7 presented that we believe encapsulates sport parenting expertise. Six key postulates of  
8 parenting expertise, formulated from critically reviewing and interpreting relevant literature,  
9 are then presented.

10 **Results:** We propose that sport parenting expertise is dependent on the degree to which  
11 parents demonstrate a range of competencies; namely that parents, (a) select appropriate  
12 sporting opportunities and provide necessary types of support, (b) understand and apply  
13 appropriate parenting styles, (c) manage the emotional demands of competitions, (d) foster  
14 healthy relationships with significant others, (e) manage organizational and developmental  
15 demands associated with sport participation, and, (f) adapt their involvement to different  
16 stages of their child's athletic career.

17 **Conclusion:** Expertise in sport parenting requires parents to develop knowledge and utilize a  
18 range of intrapersonal, interpersonal, and organizational skills in order to support their child,  
19 manage themselves, and operate effectively in the wider youth sport environment.

20 Recommendations for applied researchers to further investigate these postulates and  
21 substantiate the components of sport parenting expertise are offered.

22

23 Key Words: Sport Parenting, Expertise, Youth Sport, Talent Development,

24

## EXPERTISE IN SPORT PARENTING

### 1 Parenting in youth sport: A position paper on parenting expertise

2 Over the past decade, scientific investigations of youth sport have been largely  
3 informed by two differing yet complimentary research strands that champion the role of sport  
4 within important social, health, economic, and commercial outcomes. The first strand focuses  
5 on the processes of talent development in sport. Such research is often driven by the  
6 acknowledgement that professional, international, and Olympic success leads to substantial  
7 economic rewards and pride for the athlete and the country he or she is representing  
8 (Martindale, Collins, & Abraham, 2007). With such a focus on results in the elite sport  
9 industry, an understanding of the mechanisms behind successful talent development has  
10 represented a fertile and critical challenge for researchers (see Bailey & Morley, 2006;  
11 Henriksen, Stambulova, & Roessler, 2010; MacNamara, Button & Collins, 2010a, 2010b).

12 The second of these strands focuses on youth sport as a vehicle for positive youth  
13 development. That is, research focuses on experiential learning of psychosocial competencies  
14 and life skills through sport that enable young people to effectively manage adolescent-to-  
15 adult transitions and positively contribute to society (Dworkin, Larson, & Hansen, 2003;  
16 Fraser-Thomas, Côté, & Deakin, 2005; Holt, 2008). An important and additional element to  
17 this strand is the role of youth sport participation in physical activity and health outcomes,  
18 beyond the development of cognitive, social, and emotional assets (Benson, Leffert, Scales,  
19 & Blyth, 1998; Johnston, Harwood, & Minniti, 2013).

20 Although the fundamental goals of each research strand bear divergence on  
21 philosophical grounds, there is congruence with respect to the role significant others play in  
22 facilitating both 'talent' and 'positive youth' development objectives (Côté, 1999; Holt &  
23 Dunn, 2004). Namely, the quality of the environment shaping the child-athlete through  
24 appropriate adult role models and supportive relationships is perceived as vital to the growth  
25 of psychosocial attributes relevant to each goal (Bronfenbrenner, 1999; Fraser-Thomas, et al.,

## EXPERTISE IN SPORT PARENTING

1 2005; MacNamara et al., 2010b). Two of the main adult protagonists in these fields of  
2 research are coaches and parents, and there is burgeoning literature devoted to the roles,  
3 experiences, and behaviors of these significant others (e.g., Camiré, Forneris, Trudel, &  
4 Bernard, 2001; Côté, 1999; Vella, Oades, & Crowe, 2011; Wolfenden & Holt, 2005).

5         Given the importance of coaches in the lives of young athletes, it is unsurprising that  
6 extensive research attention has been given to understanding the components, development,  
7 and outcomes of coaching expertise (e.g., Côté & Gilbert, 2009; Horton, Baker, & Deakin,  
8 2005; Portrac, Jones, & Armour, 2002). Although the academic study of sport parenting is  
9 less extensive and historically established than sport coaching, the literature reflecting  
10 parental influence and involvement in youth sport has grown substantially in recent years.  
11 Researchers have not only explored the perceptions and consequences of sport parental  
12 behaviors (e.g., Babkes & Weiss, 1999; Bois, Lalanne, & Delforge, 2009; Leff & Hoyle,  
13 1995), but have also begun to demonstrate the complexities and challenges of being a sport  
14 parent (Holt, Tamminen, Black, Sehn, & Wall 2008; Knight & Holt, 2013c).

15         Nevertheless, a potential limitation of the literature on sport parents is the absence of  
16 a specific focus on the notion of parenting expertise. Over the last decade, through a  
17 collection of separate studies, scholarly knowledge has been shared on the behavioral  
18 preferences of athletes regarding their parents at competitions (Knight, Boden, & Holt, 2010;  
19 Knight, Neely, & Holt, 2011; Omli & LaVoi, 2011), coaches perceptions of positive and  
20 negative parenting practices (e.g., Gould, Lauer, Rolo, Jannes, & Pennisi, 2006, 2008), and  
21 adaptive versus less adaptive parenting styles and practices (e.g., Holt, Tamminen, Black,  
22 Mandigo, & Fox, 2009; Lauer, Gould, Roman, & Pierce, 2010a, 2010b; Sapieja, Dunn, &  
23 Holt, 2011). Researchers have also established lines of research into parents' experiences,  
24 stressors, and emotions associated with parenting in youth sport (Dorsch, Smith, &  
25 McDonough, 2009; Harwood & Knight, 2009a, 2009b; Omli & LaVoi, 2012; Wiersma &

## EXPERTISE IN SPORT PARENTING

1 Fifer, 2008). This body of research has separately illustrated several pertinent components of  
2 parenting in sport. However, researchers have not taken an integrated approach that  
3 synthesizes parental strengths and configures the concept of sport parenting expertise as a  
4 totality. Therefore, in line with the literature examining coaching expertise, the purpose of  
5 this paper is to forward a preliminary position on the concept of sport parenting<sup>1</sup> expertise.

6 In keeping with the process of an academic position paper (see Tucker, Derelian, &  
7 Rouner, 1997), we will first present a statement that we believe encapsulates sport parenting  
8 expertise. Then we will build the case for our position by critically reviewing and interpreting  
9 relevant literature, and by applying our academic and professional experience in youth sport.  
10 Literature on parenting in sport was identified through a keyword and abstract search using  
11 the terms sport or athletic and words relating to parenting, such as parent, family, mother,  
12 father, son, daughter, stepfather, stepmother, stepparent<sup>2</sup> in Scopus, PsycInfo, and  
13 SportDiscus. The search, limited to journal articles and dissertations written in English,  
14 returned 1996 articles in Scopus, 3114 articles in PsychInfo, and 1442 articles in  
15 SportDiscus. All article titles were reviewed and unrelated articles were discarded, leaving 95  
16 articles in Scopus, 239 in Psychinfo, and 256 in SportDiscus. The abstracts of remaining  
17 articles were then reviewed and any duplicate or unrelated articles were removed. The  
18 remaining articles were used to guide the development of the subsequent position statement.

19 Using a similar method to Côté, Lidor, and Hackfort (2009) our case will be made by  
20 proposing six postulates that we believe represent the components of parenting expertise and  
21 that are based on our interpretations of the available literature. Within each postulate, and  
22 conventional to position statement methodology, we will appraise the strength of the  
23 supporting literature and propose recommendations for further research where our evidence is  
24 weaker. Finally, we will summarize the key theoretical considerations by drawing together

---

<sup>1</sup> Parent/parenting is used to refer to parents, legal guardians and primary caregivers

<sup>2</sup> Boolean search was conducted for all terms

## EXPERTISE IN SPORT PARENTING

1 the postulates to provide a broader overview of sport parenting expertise and will highlight  
2 the implications of our position for practitioners, organizations, and researchers interested in  
3 this area of study.

### 4 **Sport Parenting Expertise**

5 We propose expertise in sport parenting is demonstrated through parental  
6 involvement that increases the chances for children to achieve their sporting potential, have a  
7 positive psychosocial experience, and develop a range of positive developmental outcomes.  
8 Such involvement requires parents to develop specific intrapersonal, interpersonal, and  
9 organizational skills that are demonstrated through fulfillment of the following six postulates.

#### 10 **Postulate No 1: Parents select the appropriate sporting opportunities for their child and** 11 **provide necessary types of social support**

12 We believe a primary component of sport parenting expertise is a parent's ability to  
13 provide their child with appropriate opportunities in sport and offer the types of support that  
14 allows children to optimize their enjoyment and performance. As one of three key sport  
15 parenting roles ascribed by Fredricks and Eccles (2004), there is extensive evidence of how  
16 parents serve as providers of a young athlete's experience (e.g., Baxter-Jones & Maffuli,  
17 2003; Bloom, 1985; Côté, 1999; Hellstedt, 1990; Rees & Hardy, 2000; Wolfenden & Holt,  
18 2005). However, we contend that parents with greater expertise not only support children's  
19 opportunities, but also select the sporting opportunities that are appropriate for their children.

20 **Selection of correct opportunities.** Our contention is informed by studies within the  
21 talent development literature (e.g., Bloom, 1985; Côté, 1999; Wuerth, Lee, & Alfermann,  
22 2004; Wylleman & Lavallee, 2004), which have indicated that children progress through  
23 different stages as they seek to become elite performers, and these stages are characterized by  
24 different factors. The extent to which parents provide children with opportunities that align  
25 with these different stages is likely to influence the extent to which children can achieve their

## EXPERTISE IN SPORT PARENTING

1 sporting potential (cf., Bloom, 1985, Côté, 1999). The appropriateness of opportunities  
2 children are afforded can also influence the longevity of children's sporting involvement,  
3 their psychosocial experiences, and the chances of experiencing injury (Côté, Baker, &  
4 Abernethy, 2007; Fraser-Thomas & Côté, 2009; Fraser-Thomas, Côté, & Deakin, 2008).

5 For example, research has indicated that children who participate in a range of fun and  
6 enjoyable sporting activities early in their career (rather than specialize within one sport or  
7 commit to structured training and extensive competition) are likely to have more positive  
8 experiences and better developmental outcomes (Côté et al., 2007; Côté & Hay, 2002;  
9 Strachan, Côté, & Deakin, 2009). Similarly, studies with elite performers consistently  
10 illustrate the value of sampling a variety of sports during their formative sporting years (e.g.,  
11 Bloom, 1985; Côté, 1999; Soberlak & Côté, 2003; Wuerth et al., 2004). Thus, by interpreting  
12 the available literature, there is growing scientific support to propose that during children's  
13 initial sporting experiences expertise in sport parenting is displayed when parents initiate  
14 opportunities for their child to participate in a range of activities, with limited competition  
15 and a focus on learning through play.

16 As children progress it is apparent that those children seeking to achieve an elite level  
17 begin to decrease their range of activities and focus more specifically on one or two sports  
18 (Baker, Côté, & Abernethy, 2003; Bloom, 1985; Côté, 1999; Soberlak & Côté, 2003). In  
19 accordance with this specialization, children increase their involvement in deliberate practice  
20 and require increasing technical and tactical information from appropriate coaches (Bloom,  
21 1985; Côté et al., 2007). As such, a key responsibility for parents is to seek out more  
22 appropriate and higher-level competitive experiences for their children while ensuring access  
23 to professionally structured coaching and training programs. However, not all children (or  
24 their parents) will have aspirations to achieve an elite level in sport (Knight & Holt, 2014).  
25 Thus, specializing in one or two sports might not be appropriate or desired (Côté & Hay,



## EXPERTISE IN SPORT PARENTING

1 2002). Instead, such children might seek to follow a recreational path and continue to  
2 participate in a range of sports and activities (Côté et al., 2007). In such instances, parental  
3 provision of the appropriate opportunity is likely to be reflected in continued access to  
4 multiple, fun-focused activities.

5         Given the various outcomes (e.g., achieve an elite status; experience a range of sports)  
6 children and parents might desire from youth sport, it seems a critical aspect of parenting  
7 expertise is a parent's understanding of what their child wants to achieve through  
8 participation and what they are hoping their child will achieve. The importance of the  
9 interaction between parental self-awareness and awareness of their child's goals was  
10 highlighted in a recent study conducted by Knight and Holt (2014). Knight and Holt  
11 constructed a grounded theory of optimal parental involvement in junior tennis. Critical to  
12 achieving optimal parental involvement was parents and children having shared and  
13 communicated goals. That is, for parents to optimize their involvement in their child's sport  
14 they must know what they and their child are seeking to achieve (Stein, Raedeke & Glenn,  
15 1999). Although further research is required on this particular process, we would suggest  
16 expertise is achieved and displayed when parents have some knowledge of the literature on  
17 talent development and possess the intrapersonal (e.g., self-awareness) and interpersonal  
18 (e.g., listening) skills required to understand personal and child-centered needs, and adapt  
19 personal goals in favor of what is valued by their child (see Burlison, Delia & Applegate,  
20 1995).

21         **Appropriate types of social support.** Returning to the second element of this  
22 postulate, there is a substantial body of evidence reinforcing the manners in which sport  
23 parents offer appropriate social support (and avoid pressuring behaviors) to optimize their  
24 child's opportunities, experience, and development (e.g., Gould et al., 2006, 2008; Lauer et  
25 al., 2010a, 2010b; Holt & Dunn, 2004; Wolfenden & Holt, 2005). For example, Leff and

## EXPERTISE IN SPORT PARENTING

1 Hoyle (1995, Hoyle & Leff, 1997) conducted two studies examining young athletes'  
2 perceptions of parental support, pressure, and involvement. In their first study, 154 junior  
3 tennis players reported on their parents' involvement in tennis, their enjoyment of tennis, and  
4 self-esteem. Results illustrated that perceived support from mother and father was positively  
5 correlated with enjoyment and global and tennis self-esteem. These findings were supported  
6 in their follow-up study, with additional positive correlations between parental support and  
7 both an objective measure of performance and the value children placed on tennis.

8         The value of parental support is also consistently highlighted when considering how  
9 athletes achieve an elite status in sport (e.g., Baker, Horton, Robertson-Wilson, & Wall,  
10 2003; Côté, 1999; Holt & Dunn, 2004). For example, Wolfenden and Holt (2005) conducted  
11 interviews with three parent-player-coach triads to examine perceptions of talent  
12 development in elite tennis. Data analysis revealed the importance of parents providing all  
13 key forms of social support (Rees & Hardy, 2000) to their child. Emotional support was  
14 viewed as central to the parent-child relationship, particularly following tough matches or a  
15 losing streak. Participants also discussed the necessity of parents' tangible support, a factor  
16 that is often taken for granted, yet is a critical component to the youth sport experience (e.g.,  
17 Baxter-Jones & Maffuli., 2003; Kirk et al., 1997a, 1997b). Finally, the value of parents  
18 providing informational support through general advice, such as keeping tennis in perspective  
19 or discussing opportunities for combining tennis and schooling, was also highlighted.

20         Given the need for parental support in youth sport, we believe an additional  
21 characteristic of expertise is reflected in parents who proactively develop strategies to ensure  
22 they are able to appropriately attend to and support their children's needs (Dorsch et al.,  
23 2009; Knight & Holt, 2014). Knight and Holt (2013b) illustrated this use of support systems  
24 in a study with parents of regional and national tennis players in the US. Parents were asked  
25 to discuss the strategies they used to support their tennis-playing children. Parents indicated

## EXPERTISE IN SPORT PARENTING

1 committing to self-education by devoting many hours to independently learning about their  
2 child's sport, the psychology of tennis, and how to be a tennis parent. Parents also discussed  
3 turning to their child's coach to receive emotional support, using other parents for  
4 informational support, and sharing tasks with their spouse to reduce demands. Although more  
5 specific research is needed on this topic, the process of parents having to gain sport parenting  
6 specific knowledge and 'learning the trade' of sport parenting appears a logical and necessary  
7 aspect of parenting expertise. Educating parents about the role of self-development and the  
8 importance of accessing other support systems may reflect important induction material for  
9 organizations that want to help parents to 'learn the trade' more effectively.

10 In sum, we would contend one of the primary characteristics of expertise in sport  
11 parenting is the ability for parents to consider sporting opportunities in the best interests of  
12 their child, and to be able to provide support that complements the demands of training and  
13 competition experienced by children. There is generally strong evidence for this suggestion –  
14 particularly with regards to the importance of parental support. Further research examining  
15 the ways in which parents go about learning how to provide such support, particularly as  
16 children progress in sport is warranted to further strengthen our confidence in this postulate.

### 17 **Postulate no. 2: Parents understand and apply an authoritative or autonomy-supportive** 18 **parenting style**

19 We believe a parent's ability to create a healthy emotional climate for their child,  
20 through their application of specific parenting styles, is a pertinent component of sport  
21 parenting expertise. Parenting style represents the broad manner in which parents interact  
22 with their child, reflective of the parent's values and expectations around appropriate parent-  
23 child interactions (Darling & Steinberg, 1993). Research examining the relationship between  
24 parenting styles and child outcomes is extensive, including topics ranging from children's  
25 and adolescents academic achievement and competence (e.g., Spera, 2006), to depressive

## EXPERTISE IN SPORT PARENTING

1 symptoms (e.g., Milevsky, Schlechter, Netter, & Keehn, 2006), and engagement in a variety  
2 of health behaviors (Arredondo, Elder, Ayala, Campbell, Baquero, & Duerksen, 2006;  
3 O'Byrne, Haddock, & Poston, 2002).

4         The majority of research has drawn on Baumrind's (1971) and Maccoby and Martin's  
5 (1983) classifications of parenting styles. Baumrind (1971) originally developed a three-fold  
6 typology of parenting styles, labeled authoritative, authoritarian, and permissive. Maccoby  
7 and Martin (1983) subsequently adapted this three-fold typology into four parenting styles.  
8 These parenting styles were formed based on two dimensions of parenting behaviors:  
9 acceptance/responsiveness, and demandingness/control. The four parenting styles based on  
10 these dimensions were authoritarian (high in demandingness and low in responsiveness),  
11 indulgent (high in responsiveness and low in control), neglectful (low in responsiveness and  
12 low in control), and authoritative (high in both responsiveness and control). In general,  
13 research examining parenting styles and health contexts, particularly in Western cultures, has  
14 indicated more positive outcomes as a result of an authoritative parenting style (e.g.,  
15 Arredondo et al., 2006; Schmitz, Lyle, Phillips, Murray, Birnbaum, & Kubik, 2002).  
16 However, there is research support indicating a permissive parenting style might be  
17 associated with more active children (Jago, Davison, Brockman, Page, Thompson, & Fox,  
18 2011; Hennessy, Hughes, Goldberg, Hyatt, & Economos, 2010).

19         The concept of parenting style is relatively new to sport psychology research.  
20 Nonetheless, those studies that have been conducted lend support to our contention that sport  
21 parenting expertise is underpinned by the adoption of authoritative and/or autonomy-  
22 supportive styles (Holt, et al., 2009; Juntumaa, Keskivaara & Punamaki, 2005; Sapieja et al.,  
23 2011). For example, Juntumaa and colleagues (2005) conducted a study examining the  
24 influence of parenting style on ice-hockey players' achievement strategies, their norm  
25 breaking behaviors, and satisfaction with hockey. Results illustrated that authoritative

## EXPERTISE IN SPORT PARENTING

1 parenting was associated with high levels of mastery oriented behavior, lower levels of norm-  
2 breaking behavior, and enhanced satisfaction with hockey. In contrast, athletes from  
3 authoritarian families were more likely to partake in norm-breaking behavior. In a more  
4 recent cross sectional investigation, Sapieja et al. (2011) examined the influence of parenting  
5 styles on perfectionistic orientations in adolescent male soccer players. Players categorized as  
6 healthy perfectionists and non-perfectionists reported significantly higher perceptions of  
7 maternal and paternal authoritativeness compared to unhealthy perfectionists.

8 Holt and colleagues (2009) illustrated the complexity of parenting styles and their  
9 application within youth sport contexts in their qualitative study of parenting styles and  
10 practices. A combination of season long observations of two junior soccer teams and  
11 interviews with the players and 56 parents were used to identify the general parenting styles  
12 and practices adopted. In contrast to other studies, Holt et al. drew from Grolnick's (2003)  
13 parenting styles based on the constructs of autonomy, competence, and relatedness contained  
14 within Self-Determination Theory (Deci & Ryan, 1985). Grolnick argued parenting styles  
15 effect children's need satisfaction through their provision of structure, autonomy-supportive  
16 environments, and levels of involvement. With respect to the four alternative dimensions  
17 (Maccoby & Martin, 1983), an authoritative parenting style is closely aligned to appropriate  
18 structure, autonomy-support, and involvement (Gurland & Grolnick, 2005). Holt et al. (2009)  
19 reported parents engaged in autonomy-supportive, controlling (i.e., authoritarian), or mixed  
20 parenting styles, with more positive types of parenting practices being associated with  
21 autonomy-supportive rather than controlling parenting styles.

22 One of the interesting implications of Holt et al.'s (2009) study is the importance of  
23 parents ensuring consistency between parenting styles. Although we have a growing body of  
24 evidence supporting a position that parents with greater expertise individually adopt  
25 authoritative or autonomy-supportive styles, the integrity and impact of such expertise may

## EXPERTISE IN SPORT PARENTING

1 depend upon the spousal dynamic (in two-parent families). We would contend that a  
2 precursor to the expertise of the ‘father-mother’ dynamic lies in their self-awareness of each  
3 other’s style and how differences could influence the emotional climate they co-create.

4 To summarize, we propose that one component of sport parenting expertise is a  
5 parent’s ability to understand these more optimal parenting styles and work separately or  
6 together in applying an authoritative or autonomy- supportive style with their child.

7 However, as indicated, there is only a limited body of work in sport from which to draw this  
8 conclusion. Additional evidence to support this postulate is required, particularly with  
9 populations that reside outside of North America. Researchers are also encouraged to  
10 investigate this postulate in order to inform the degree to which parenting styles and family  
11 configuration influence a range of other psychosocial and performance-related factors (e.g.,  
12 stress, self-regulation skills; confidence; leadership) in youth sport.

### 13 **Postulate no. 3: Parents manage the emotional demands of competition and serve as** 14 **emotionally intelligent role models for their child**

15 The inherent caregiver and supervisory roles of parents, alongside children’s  
16 dependency on transportation, mean parents are often a ubiquitous presence at youth sport  
17 competitions. Attending such competitions can be a highly emotional experience and one that  
18 many parents find challenging. We believe a characteristic of expertise is reflected in parents  
19 who possess the ability to manage the various emotional demands of competition.

20 Furthermore, this coping ability then serves as a precursor for parents to engage in  
21 emotionally intelligent interactions and role model practices around competitions that  
22 facilitate an optimal experience for their child (Knight & Holt, 2014). Substantiating this  
23 postulate necessitates an appraisal of two related avenues of sport parent research: (a)  
24 research that has investigated parents’ experiences of competition (Dorsch et al., 2009; Omli  
25 & LaVoi, 2009, 2012; Harwood & Knight, 2009a, 2009b; Knight & Holt, 2013a; Wiersma &

1 Fifer, 2008), and (b) research that has explored parenting practices at, or related to,  
2 competitions (e.g., Bowker et al., 2009; Holt et al., 2008; Knight et al., 2011).

3 **Managing the emotional demands of competition.** Parents can experience a variety  
4 of emotions at competitions related to a range of stressors that can arise in the competition  
5 setting. For example, Table 1 displays the competition stressors reported by 22 parents of  
6 high-level junior tennis players interviewed by Harwood and Knight (2009b). Important to  
7 note here is these stressors are reported by parents across the three developmental stages  
8 (sampling, specializing, and investment), and they illustrate the range of sources (e.g. own  
9 child's emotions; opponent behavior; other parents interference) and time points (before,  
10 during and after competition) that contextualize the stress experience for the parent.

11 \*\*\*\*\*Table 1 here –permission to gain from PSE \*\*\*\*\*

12 While Harwood and Knight's (2009b) study did not target the specific emotions  
13 reported by parents as a result of each stressor, Omli and LaVoi (2012) specifically sought to  
14 understand parents' experiences of anger in youth sport competitions. Through an open-  
15 ended survey, 516 parents of children aged 5-19 years recalled instances of experiencing  
16 anger at competitions. The core stimuli for such anger included perceived unjust behaviors  
17 from coaches and referees, uncaring behaviors from coaches, athletes, and other parents, and  
18 perceptions of referee and coach incompetence. We believe a parent's ability to cope with  
19 anger represents an important component of sport parenting expertise given the detrimental  
20 consequences it can have for children, opponents, other parents and officials (cf., Knight &  
21 Holt, 2013a; Omli & LaVoi, 2009).

22 Beyond the ability to cope with anger, research has also illustrated how parents may  
23 have to master a range of other emotions at competitions. A recurring example is the reported  
24 disappointment and worry parents empathically feel or share with their child when they see  
25 their child is disappointed or upset (e.g., Dorsch et al., 2009; Holt et al., 2008; Knight & Holt,

## EXPERTISE IN SPORT PARENTING

1 2013a; Wiersma & Fifer, 2008). Parents have cited feeling embarrassed if they perceive their  
2 children are underperforming or behaving poorly (Dorsch et al., 2009; Harwood & Knight,  
3 2009a, 2009b). In Harwood and Knight's (2009b) study, the inappropriateness of interrupting  
4 a competition and taking resolute action with their child rendered parents as helpless  
5 bystanders to their child's emotions and mistakes.

6         Given this existing literature, we propose that a parent's ability to manage these  
7 emotional demands of competition will impact upon their personal enjoyment, quality of  
8 experience, and engagement in optimal support practices (cf. Knight & Holt, 2013a).  
9 Unfortunately, few studies have devoted specific attention to the strategies parents use to  
10 manage their emotions at competitions. Grass roots sport parents within Dorsch and  
11 colleagues' (2009) study discussed their use of mirroring strategies – whereby they altered  
12 their emotions or reactions based on reading their child's emotions. Other strategies  
13 forwarded by existing literature include assigning specific tasks to parents at competitions,  
14 increasing opportunities for parents to socialize, and direct education to parents on the values  
15 and benefits of youth sport beyond an emphasis on competition outcomes (e.g., Harwood &  
16 Knight, 2009a; Gould et al., 2008). Although we believe the development of strategies to  
17 manage emotions is an indicative component of expertise, further coping-based research is  
18 required to understand precisely how parents gain or develop these strategies.

19         **Emotionally intelligent interactions and role model practices.** When parents do  
20 appropriately manage the competition experience, we deem they have the potential to excel at  
21 a range of interactions and practices that serve to enhance the experience for their child,  
22 themselves, and other stakeholders (e.g., other parents, officials, coaches). There is an  
23 extensive body of evidence that informs scholars and practitioners of exactly what parents are  
24 capable of doing or could be doing at competitions. For example, observational studies of  
25 parental involvement at youth competitions have indicated that approximately two-thirds of



## EXPERTISE IN SPORT PARENTING

1 parents' behaviors are appropriate or positive, while approximately one third of behaviors are  
2 negative or inappropriate (Bowker et al., 2006; Kidman, McKenzie, & McKenzie, 1999).  
3 Through extensive observations of parents in youth soccer matches, interviews, and audio-  
4 diaries, Holt and colleagues (2008) developed a grounded theory of parental involvement at  
5 youth sport competitions. Their findings illustrated how parents' verbal reactions at matches  
6 varied along a continuum from praise and encouragement, performance contingent feedback,  
7 instruction, striking a balance, negative comments, and derogatory comments. In support of  
8 our contention regarding emotional demands, Holt and colleagues suggested the nature of  
9 parental reactions were influenced by parents' empathy with their child, the emotional  
10 intensity of the game, and parents' perceived knowledge and experience of sport. We believe  
11 that parents with greater expertise operate along the continuum from praise and  
12 encouragement to performance-contingent feedback, halting before or when they reach  
13 instruction. Indeed, a number of recent studies examining children's preferences for parental  
14 involvement at competition provide direct support to substantiate our contention.

15 Knight and colleagues (2010) examined junior tennis players' preferences for parental  
16 involvement at tournaments through focus groups involving 42 adolescent tennis players  
17 from Canada. Players offered a basic blueprint for the behaviors they most desired from their  
18 parents, under a general umbrella of providing support without being pressuring. To achieve  
19 this, participants indicated parents should avoid providing technical or tactical advice, ensure  
20 comments focus on the players' effort and attitude rather than performance or outcome,  
21 provide practical advice to help players prepare and recover from matches, respect tennis  
22 etiquette, and match nonverbal behaviors with supportive comments. Subsequently, Knight et  
23 al. (2011) conducted a follow-up study with 36 female adolescent athletes from team sports.  
24 This study provided support for the original findings in addition to athletes offering specific  
25 temporal preferences for behaviors before, during, and after competitions. This study also

## EXPERTISE IN SPORT PARENTING

1 provided a clear indication of the need for specific behaviors related to the whole team,  
2 highlighting a potential difference between parenting in individual and team sports.

3 Omli and Wiese-Bjornstal (2011) further substantiated the components of behavior  
4 young athletes most liked from their parents. Athletes' responses were organized around  
5 three different 'types' of parents: Supportive parents, demanding coach, and crazed fan.  
6 Supportive parents displayed behaviors including cheering and providing encouragement  
7 during and after events, providing praise and displaying empathy for other teams, and calling  
8 to officials when they were trying to protect a child from injury. These behaviors were  
9 consistently identified as positive or wanted during competitions. The demanding coach  
10 displayed behaviors that were generally disliked but tolerated by children, such as providing  
11 instruction during the game, giving advice during breaks in the game, and providing critical  
12 encouragement. The crazed fan engaged in behaviors children disliked, including arguing  
13 with coaches and officials, blaming officials for losses, being derogatory towards opposing  
14 teams, and fanatical cheering. These behaviors were disliked by children.

15 We believe these aforementioned studies help to build the profile of a parent who is  
16 emotionally intelligent in his or her interactions with their child and with the competition  
17 environment. They understand their child's emotional needs, appreciate values such as effort,  
18 sportpersonship, independence, honesty, composure, and constructive feedback, and behave  
19 in a manner that role models these values to their child. In this way, parents fulfil the role of  
20 interpreter and role model, in addition to provider, as proposed by Fredricks and Eccles  
21 (2004) (See Table 2 for examples of parental behaviors relative to these roles). That is,  
22 parents' understanding of their own and their child's emotions will influence the extent to  
23 which they are able to helpfully interpret their child's sporting experience. Similarly, if  
24 parents are able to maintain control of their own emotions and behave in manners appropriate  
25 for the sport (e.g., respect sporting etiquettes), this is likely to be replicated by children

1 (Babkes & Weiss, 1999). In sum, we encourage scholars to further explore the concept of  
2 parental emotional intelligence, how it influences behaviors at competitions, and translates  
3 into a parent's 'interpreter' and 'role model' roles with young athletes.

4 **Postulate no. 4: Parents foster and maintain healthy relationships with significant**  
5 **others in the youth sport environment**

6       When children participate in sport they interact with a range of people including other  
7 children and parents, coaches, officials, and organizers. Consequently, parents also interact  
8 with such people and we believe a parent's skills in developing and maintaining relationships  
9 with these key stakeholders exert a significant influence on the overall quality of the youth  
10 sport environment. Several research studies speak to the importance of parental relationships  
11 with children, coaches, and other parents to support this postulate. Firstly, Ullrich-French and  
12 Smith (2006) illustrated how youth soccer players' perceptions of the quality of relationship  
13 with their mother and father were associated with a range of positive psychological  
14 outcomes. Five dimensions representing relationship quality were reported on by players.  
15 These were self-esteem enhancement and supportiveness, loyalty and intimacy, things in  
16 common, companionship and play, and conflict resolution. Results revealed how higher  
17 quality father-child and mother-child relationships both predicted higher levels of player  
18 enjoyment, perceived competence, self-determined motivation, and lower levels of stress.

19       Jowett and Timson-Katchis (2005) illustrated how parents, as a 'psychologically-  
20 significant network member' (p. 267) within the 'coach-athlete-parent triad,' facilitated an  
21 effective coach-athlete relationship for their child in a number of ways. For example, parents  
22 created opportunities for frequent communications and working exchanges with the coach,  
23 both giving and receiving regular information about their child's specific needs. Parents also  
24 assisted coaches by helping their children to resolve conflicts or frustrations that occasionally  
25 arose with the coach, guiding their child towards alternative interpretations by providing

## EXPERTISE IN SPORT PARENTING

1 emotional support. These relational skills were reported to assist the dyadic partnership  
2 between coach and athlete, with subsequent research reinforcing how positive parent-coach  
3 relationships are characterized by trust and understanding, and a mutual appreciation of the  
4 demands each party is facing (Smoll, Cumming & Smith, 2011; Wolfenden & Holt, 2005).

5         Readers interested in the composition of effective parent-coach relationships are  
6 encouraged to consider Smoll and colleagues (2011) propositions for creating harmonious  
7 parent-coach relations that was followed by ten invited commentaries from youth sport  
8 psychologists in a special issue of the *International Journal of Sports Science and Coaching*.  
9 In addition, Knight and Harwood's (2009) study of parent-initiated coaching stress offers  
10 insights into how parents can minimize the stress for coaches through their interactions and  
11 behavior. From this literature, we contend that greater expertise is achieved by parents who  
12 are able to share their child with the coach, accept the coach's authority, and do not  
13 undermine his or her leadership, particularly in front of the athlete. These parents support the  
14 coach with relevant input but they allow the coach to drive the pace of learning and  
15 development without interference. Such parents also take responsibility for the behavior of  
16 their child, and support the coach on reinforcing appropriate attitudes and behaviors in  
17 training and competition (cf. Gould et al., 2006, 2008). Alongside a keenness to develop their  
18 knowledge of the sport from the coach, parents with expertise will also listen to the coach  
19 about issues such as scheduling so their child benefits from an appropriate and periodized  
20 program of training, competition, rest and recovery.

21         Beyond parent-coach relationships, we contend that expertise in sport parenting  
22 extends to the development of healthy relationships with other parents encountered in youth  
23 sport (Knight & Holt, 2013a, 2013b). The potential for angry interactions to occur between  
24 parents (and other individuals) at competitions has already been noted and serves as a  
25 detrimental stressor for both children and parents (Omli & LaVoi, 2009, 2012). Inappropriate

## EXPERTISE IN SPORT PARENTING

1 interference, shouting, cheating, and derogatory comments have all been cited as stressors for  
2 parents (Harwood & Knight, 2009a, 2009b), which inevitably damage relationships between  
3 parents and can negatively affect children's experiences and relationships with other children.

4 Research has highlighted the value of parents being friends with or supportive of  
5 other parents (Knight & Holt, 2013a, 2013b), as well as benefitting from opportunities to  
6 socialize with other parents (Dorsch et al., 2009; Wiersma & Fifer, 2008). Additionally, other  
7 parents have served as important sources of information (Knight & Holt, 2013b) and can  
8 potentially distract parents from the anxiety they experience within the sporting environment  
9 (Knight & Holt, 2013a). However, although we believe that an aspect of parenting expertise  
10 is to foster and maintain healthy parent-parent relationships, there is very little direct research  
11 on the composition, process, skills, and challenges of maintaining such a relationship.

12 In terms of self-care and management, given the time and organizational demands  
13 placed on parents, we believe it is important for parents to recognize the value of creating a  
14 social network where they can feel part of a sporting community. Through such a  
15 community, parents' own social needs may be partly met at training and competitions  
16 (Knight & Holt, 2013a). We also feel that more astute parents recognize that sport provides  
17 their child with opportunities to fulfill relatedness needs (Deci & Ryan, 1985), building  
18 lifelong friendships and peer relationships. Positive relational skills with other parents in  
19 terms of resolving between-child and between-parent conflicts may be critical in maintaining  
20 the psychological health of a youth sport friendship.

21 In conclusion, we believe an understanding from parents of the role they play in  
22 creating healthy youth sport environments is a necessary component of sport parenting  
23 expertise. We propose that parents with this greater expertise are aware that developing and  
24 maintaining multiple healthy relationships is beneficial for their child, for coaches, other  
25 parents, and children, and also beneficial for themselves. Although we have cited and

1 discussed research to support this postulate, we believe there is the opportunity for more  
2 sophisticated dyadic research to further inform our contention. Specifically, the development  
3 and maintenance of parent-parent relationships, including the relational skills and strategies  
4 employed by parents in team and individual sports, would be a rich and worthy topic for  
5 investigation.

6 **Postulate no. 5: Parents manage the organizational and developmental demands placed**  
7 **on them as stakeholders in youth sport**

8         The closing points within the previous postulate highlight the bi-directional nature of  
9 youth sport, with children's involvement and the youth sport environment serving to socialize  
10 and influence parents and their way of life (Dorsch et al., 2009; Holt et al., 2009). Sport  
11 parents are required to manage the emotional demands of competition (e.g., competition  
12 stressors), but expertise also likely extends to handling many other demands. Over the past  
13 decade, researchers have made the conceptual distinction between athlete and coach stressors  
14 linked specifically to competition and competitive performance (i.e., competitive stress) with  
15 the stressors associated primarily and directly with the organizational aspects of sport (i.e.,  
16 organizational stress; Hanton & Fletcher, 2005; Woodman & Hardy, 2001). This conceptual  
17 distinction also applies to sport parents, particularly in youth sport.

18         Although a plethora of research has considered the influence of parents on youth sport  
19 participants, recent studies have taken a more parent-centric stance and examined the effects  
20 of youth sport on parents themselves (Harwood & Knight, 2009a, 2009b; Lally & Kerr, 2008;  
21 Wiersma & Fifer, 2008). From this literature we recognize sport parents are faced with  
22 demands related to organizational factors and processes that can deeply affect their personal  
23 and family life, as well as demands related to their child's ongoing athletic development,  
24 educational decisions, changing support needs, and career transitions. Therefore, we contend

## EXPERTISE IN SPORT PARENTING

1 that a characteristic of parenting expertise is a parent's ability to cope with these demands by  
2 means of a variety of intrapersonal, interpersonal and organizational skills and strategies.

3         Scientific support for our proposal of organizational and developmental demands is  
4 good. However, empirical study and knowledge of sport parents' coping skills and strategies  
5 related to these demands remains limited. Early research by Kirk and colleagues (1997) and  
6 Baxter-Jones and Maffuli (2003) reinforced the substantial financial demands of youth sport  
7 on parents, affecting their personal, social, and broader family life choices. A series of three  
8 studies conducted by Harwood and colleagues (Harwood & Knight, 2009a, 2009b; Harwood,  
9 Drew & Knight, 2010) subsequently highlighted the range of stressors experienced by parents  
10 of children involved in youth tennis and professional youth soccer academies. Beyond  
11 competition stressors (see postulate 3), parents voiced several organizational and  
12 developmental demands they faced in each of these settings.

13         Organizational demands included finance and time commitments, which instigated  
14 sport-work role conflict, and also sport-family role conflict. This conflict incorporated  
15 strained spousal relations and quality of social life and the negative effects of sibling  
16 resentment and parental guilt due to the lack of attention afforded to the non-sport sibling.  
17 which have also emerged as prominent organizational stressors (Harwood & Knight, 2009a,  
18 200b). Coaching behavior, club, and national sport federation processes also formed  
19 prominent organizational stressors. For example, parents have consistently reported a lack of  
20 communication and feedback from coaches, funding criteria and non-transparent selection  
21 decisions, and a pressurizing talent development system. Organizational conflict also  
22 extended to sport-school relations due to lack of school support when training and  
23 competition affected school attendance (Harwood et al., 2010). Such organizational demands  
24 appear to be particularly pertinent as children increase their sports participation and  
25 specialize into certain sports (Harwood & Knight, 2009b).

## EXPERTISE IN SPORT PARENTING

1           Developmental demands encompassed issues affecting their child's overall sport and  
2 personal development. Within youth tennis (Harwood & Knight, 2009b), developmental  
3 stressors included making appropriate decisions regarding coach, training and tournament  
4 programs, maintaining the value of education, and the persistent uncertainty of their child's  
5 future in the sport and the impact on their general life. Allied to this, parents reported concern  
6 over their child missing out on other hobbies and activities. The stress of uncertainty and lack  
7 of knowledge about the future also permeated the experience of football parents (Harwood et  
8 al., 2010). Parents constantly feared the release (i.e., deselection) of their child from football  
9 academies, struggled with lack of communication from coaches, and worried about how their  
10 child would manage sport and school pressures (i.e., exams). Such developmental stressors  
11 appear to be particularly pertinent during the later stages of children's sporting involvement,  
12 as children increasingly commit to sport and progress through the education system  
13 (Harwood & Knight, 2009b).

14           Similar organizational and developmental concerns were also apparent in a study  
15 looking at how retirement (and the experiences parents had in sport prior to their child  
16 retiring) affected parents (Lally & Kerr, 2008). Parents indicated their daughter's  
17 involvement in gymnastics had often put serious strain on their marital relationship and only  
18 on retirement had parents began to re-establish these relationships. Parents also disclosed  
19 lingering doubts and guilt regarding the decisions they had made. Specifically, parents  
20 expressed concerns related to the pain and injuries their child had experienced, their lack of  
21 development outside of sport, and seemingly abusive behavior they had encountered from  
22 coaches.

23           Although the relationship between parenting stress and parent-child interactions has  
24 not been studied within youth sport, literature from developmental psychology consistently  
25 indicates that parenting stress can influence parent-children interactions and the behaviors of



## EXPERTISE IN SPORT PARENTING

1 parents (Abidin, 1992; Belsky, 1984). For example, higher levels of parenting stress have  
2 been associated with more punitive behaviors and harsher punishment from parents (Deater-  
3 Deckard, 2004). As such, we might anticipate that the extent to which parents are able to  
4 manage a range of stressors and cope with the demands they encounter in youth sport will  
5 influence the extent to which parents offer appropriate support to their children.

6 In conclusion, we believe parents will face many organizational and developmental  
7 demands with some more prominent at specific stages of their child's participation. When  
8 parents manage these demands they strengthen their ability to help their child navigate  
9 through the demands and uncertainties of sport. Therefore, sport parenting expertise requires  
10 the development and application of various coping skills and strategies to manage these  
11 diverse demands. In the absence of specific research into this area, we invite youth sport  
12 researchers to investigate this postulate and explore how, and to what extent, sport parents  
13 expertly cope with such demands.

### 14 **Postulate no. 6: Expert parents adapt their involvement and support to different** 15 **stages of their child's athletic development and progressions**

16 Collectively, the previous five postulates illustrate that as children initiate and  
17 progress through sport, parents' roles, experiences, demands, and responsibilities change.  
18 Parents themselves go through transitions (Lally & Kerr, 2008; Wylleman & Lavallee, 2004),  
19 and we believe an important component of parenting expertise is the extent to which parents  
20 are able to positively adapt their involvement in tandem with their children's sporting  
21 progressions and developmental needs. We hope we have already made a strong case for the  
22 factors contributing to sport parenting expertise. Nonetheless, there is a sound body of  
23 research that speaks to the need for parental adaptability through the stages of athlete  
24 development (Côté 1999; Knight & Holt, 2014; Lauer et al., 2010a, 2010b). Within the  
25 sampling stage, as highlighted in postulate 1, research reinforces that the most central forms

## EXPERTISE IN SPORT PARENTING

1 of parental involvement involve the provision of, and logistical commitment to, appropriate  
2 sporting opportunities. However, in this early period, parents also focus on attitude, value,  
3 and character development in their child, marking the beginning of their role as ‘interpreter’  
4 and decisions around sport parenting style (see postulates 2 and 3).

5         When children transition to the specializing stage and athletic involvement intensifies,  
6 a transition in parental involvement is also required. In this stage, the demands placed upon  
7 logistical provision increase as parents adapt to becoming managers of organizational and  
8 relational issues as well as providing important emotional, motivational and esteem support  
9 to their child around competitions (see postulates 3, 4 and 5). Their role as an effective  
10 interpreter, role model, and educator is significant in this period as their child manages first  
11 time challenges due to their physical development or performance improvements (see  
12 Keegan, Spray, Harwood, and Lavalley, 2010).

13         The transition between specializing and investment stages can be marked by  
14 uncertainty and anxiety for both child and parent (Harwood & Knight, 2009b). Although  
15 limited research has specifically targeted this transition, we believe this period of adaptation  
16 may be the most difficult for parents. With the growing independence of their child, parents  
17 are required to collaborate with their child on making balanced and informed decisions  
18 regarding education that take into account the realistic prospects and demands of a potential  
19 career in elite sport (see postulate 5; Lauer et al., 2010a). When a child progresses to this  
20 investment stage, research suggests that elements of a parent’s ‘provider’ role reduce and  
21 coaches take on more expert support roles as parents transition into the background. Parents  
22 of elite athletes have reported how negotiating this shifting role is stressful and challenging as  
23 they are no longer close to the center of their child’s athletic world (Jowett & Timson-  
24 Katchis, 2005). However, research has illustrated how parents can and should adapt to

1 continue to provide unconditional social support and a safe haven for their young adult as  
2 they develop their independence and pursue their sporting and life goals (Côté, 1999).

3 In sum, we believe sport parenting expertise requires the ability to recognize and  
4 successfully negotiate shifting roles as children transition through the stages of athletic  
5 development. Although we are confident of this postulate due to the aforementioned  
6 developmental research, there is a lack of evidence associated with parents' experiences of  
7 adaptation and specifically how they cope with transitions between the different stages. Such  
8 within-career transition research for parents would make for a worthy contribution to the  
9 literature and inform the veracity of this final postulate.

### 10 **Recommendations, Implications and Conclusions**

11 On appraising the content of these postulates, our hope is the interested researcher and  
12 practitioner can appreciate the multidimensional and developmental nature of sport parenting  
13 expertise. We also hope readers have gained a sense of the research gaps and opportunities  
14 that relate to each specific postulate. However, in closing this position paper, we feel it is  
15 important to synthesize some key messages from these postulates and reinforce some specific  
16 theoretical implications and opportunities for empirical study in this area as a whole. We also  
17 hope to draw out some potential caveats and critical areas for reflection relative to advancing  
18 this area of study. Finally, we will pose some applied implications for practitioners and  
19 organizations.

### 20 **Theoretical implications and further research avenues**

21 By critically reviewing relevant literature within our postulates, we perceive that sport  
22 parents face a consistent cycle of triangular responsibilities which revolve around managing  
23 and supporting the needs of their child, managing themselves and their well-being, and  
24 managing their interactions with the youth sport environment. In support of Henriksen et al.,  
25 (2010), interactions at the ecological core and micro-level include coaches and those in the

## EXPERTISE IN SPORT PARENTING

1 child's immediate sporting network (e.g., other parents and peers), whereas interactions with  
2 school teachers, club directors, or national federation staff represent increasingly macro-level  
3 environmental exchanges. Notwithstanding financial and other less controllable constraints,  
4 we believe all three of these responsibilities demand an extensive amount of knowledge and a  
5 range of intrapersonal, interpersonal, and organizational skills that parents with greater  
6 expertise will consistently demonstrate. Our theorizing about this triangular range of skills,  
7 however, is certainly ahead of research support at this stage.

8         At an intrapersonal level, we would theorize that constructs such as parental  
9 emotional intelligence (Gottman, Katz, & Hooven, 1996), implicit beliefs (Dweck, 1999),  
10 achievement goals (Duda & Hom, 1993), parenting style (Sapieja et al., 2011), coping  
11 (Nicholls & Polman, 2007) and resilience (Fletcher & Sarkar, 2013) represent domains that  
12 may help to inform the intrapersonal skill-set of sport parents. When supporting their child,  
13 we would consider parents with greater expertise to demonstrate higher levels of self-  
14 awareness and meta-emotion skills (Gottman et al., 1996), assisted by their incremental  
15 beliefs about learning, task/mastery goal orientation and an authoritative or autonomy-  
16 supportive parenting style (see postulates 1, 2 & 3). When engaging with the external  
17 environment and facing enduring sport-related stressors across an athlete's career, we would  
18 also contend that such parents demonstrate higher levels of adaptive coping, with resilience  
19 being an asset we feel is particularly worthy of investigation (see postulates 5 & 6). We feel  
20 strongly that, when all of these factors begin to coalesce, positive psychosocial experiences  
21 are likely for both child and parent, leading to improvements in skill development and  
22 performance. At present, there is little to no scientific research in sport that has considered  
23 emotional intelligence, coping, or resilience in parents and we invite researchers to question,  
24 debate, and enhance knowledge in all of these aforementioned areas.

## EXPERTISE IN SPORT PARENTING

1           At an interpersonal level, we propose that basic person-centered communication skills  
2 (i.e., listening, attending, empathy, giving constructive feedback), and more advanced skills  
3 (e.g., effective questioning, negotiation, assertiveness, and confrontation) are salient qualities  
4 that parents with greater expertise would differentially demonstrate in their interactions with  
5 children and adults in youth sport contexts (see postulates 2 & 4). The learning and  
6 deployment of these person-centered skills may be highly dependent on the intrapersonal  
7 characteristics noted above (e.g., emotional intelligence; Burleson et al., 1995). However, we  
8 would contend that overall social support (Rees & Hardy, 2000; Wolfenden & Holt, 2005) is  
9 more available to the child when these intrapersonal and interpersonal factors work together.  
10 There is limited research in sport that has specifically studied parents' communication skills  
11 with children and adults, and researchers are encouraged to access the family/communication  
12 studies literature where there is support for how person-centred parental communication in  
13 the home positively impacts on the social-cognitive skills of the child (Burleson et al., 1995).

14           The deployment of interpersonal skills with other adults in youth sport in order to  
15 foster and manage relationships is without study to our knowledge. However, we believe  
16 these skills are important components of sport parent expertise alongside several  
17 organizational skills that help parents to effectively interact with the environment (see  
18 postulates 4, 5 & 6). When empathizing with the personal and external demands placed on  
19 parents, organizational skills such as time management, collaboration, conflict resolution,  
20 persuasion/negotiation, networking, and even elements of organizational leadership (Fletcher  
21 & Arnold, 2011) may be salient at different time points and stages in their child's sporting  
22 journey. Competitive youth sport environments are (by definition) competitive, and this  
23 extends to the skills of parents in terms of navigating the environment, pursuing resources,  
24 and ensuring the needs and interests of their child are appropriately met. We do not subscribe  
25 to the belief that sport parents should be passive beings who relinquish all control over their

## EXPERTISE IN SPORT PARENTING

1 child's sport program. Practitioners in youth sport recognize the reality is far different,  
2 particularly when national federations, sports agents, sponsors, the media, and other parties  
3 take an interest in their child-athlete. Parents should be proactively ready for this in order to  
4 help their child who may still be in early to mid adolescence. In this respect, there is a sense  
5 that sport parenting expertise extends to parents playing certain leadership roles to support  
6 their child when interacting with such parties, as well as collaborating with other parents to  
7 share resources and meet social needs.

8         The study of organizational psychology in sport has emerged over the last decade (see  
9 Fletcher & Wagstaff, 2009), but its application to sport parent roles remains in its infancy.  
10 The organizational leadership role of performance directors in sport has been recently studied  
11 (Fletcher & Arnold, 2011), and we sense that at the 'sharper end' of high level youth sport  
12 there is something to be learned from how certain parents subtly, yet artfully, navigate the  
13 system in the best interests of their child. We believe that research that investigates the  
14 organizational skills and experiences of parents of successful, role-model performers may be  
15 valuable here (see postulate 6).

16         **Gender, sport type and the notion of sport parenting expertise.** Beyond these  
17 theoretical observations and recommendations for further study, we have reflected on  
18 additional gaps in the literature throughout the review process. Firstly, we appreciate there  
19 will not be one singular truth to expert sport parenting, because of the many different cultural  
20 and ethnic backgrounds reflected in the world of youth sport. Research in sport parenting is  
21 almost exclusively dominated by Western culture, and it is important to investigate other  
22 cultures to determine how parenting expertise may be defined through different styles and  
23 practices of parents. Additionally, the modern family is becoming ever more varied and  
24 blended in global society in terms of its configuration, and it is important for researchers to

## EXPERTISE IN SPORT PARENTING

1 understand how specific components of expertise may differ according to the family structure  
2 (see Harwood, Johnston & Minniti, 2012).

3         Through the aforementioned postulates we have sought to offer an overall position on  
4 sport parenting expertise and we anticipate that, at least at the broadest level, these postulates  
5 would apply across different sports and genders. That said, it is important to recognize that  
6 some of the specific elements within each postulate might differ depending on parent or child  
7 gender (cf., Bois et al., 2009; Leff & Hoyle, 1997; Stein et al., 1999). For example, it has  
8 been highlighted that mothers provide more positive comments than fathers at competitions  
9 (e.g., Bowker et al., 2009; Holt et al., 2008), and that males might perceive more pressure  
10 than females from their parents, particularly their fathers (e.g., Bois et al., 2009; Leff &  
11 Hoyle, 1997). Thus, it is feasible that there might be different expectations and requirements  
12 from female and male athletes, and certain postulates might be more or less pertinent for  
13 mothers or fathers.

14         Similarly, it is likely that certain elements of each postulate might be more or less  
15 relevant or necessary for parents whose children are involved in individual or team sports  
16 (e.g., tennis compared to football) and those sports where children specialize at an earlier or  
17 later age (e.g., gymnastics compared to rowing). To date, research specifically examining  
18 different types of sports is relatively limited (with researchers generally conducting studies  
19 focused within a specific sport). In fact, there is need for research into parents from a greater  
20 range of systems and sports. Tennis, football (soccer) and ice hockey tend to dominate the  
21 literature, and it is important to see other youth sports represented in our body of knowledge.  
22 The parenting literature in tennis, for example, has consistently highlighted the high financial  
23 and time demands placed on parents due to the individual nature of the sport (cf., Gould et  
24 al., 2006, 2008; Harwood & Knight 2009a, 2009b; Lauer et al., 2010a, 2010b) and the  
25 dependency of the child on the parent for extensive transportation. This perhaps indicates that

## EXPERTISE IN SPORT PARENTING

1 postulate five might be particularly pertinent within certain individual sports, when compared  
2 to more traditional team sports. Different types of individual and team sports may determine  
3 the significance of postulates three and four with reference to the management of emotions  
4 and relationships in the training and competition environment. The structure, nature and  
5 culture of certain individual (e.g., head to head) and team sports can incite more intense, in  
6 situ emotions than other sports. Likewise, even though team sports tend to necessitate more  
7 frequent interactions between parents and their children, the intensive nature of certain  
8 individual sports (e.g., gymnastics, swimming, tennis) may heighten the importance of  
9 effective parent-parent and parent-coach relationships discussed in postulate four. In sum, it  
10 is critical for further research to examine the appropriateness of our propositions across sports  
11 and gender-dyads (e.g., mother-son, mother-daughter, father-son, father-daughter); and in so  
12 doing offer insights into how certain intrapersonal, interpersonal and organizational skills  
13 may be more requisite components of parenting expertise for certain sports or gender-dyads.

14 A final area that we consider important for further scholarly debate is the actual  
15 notion of sport parenting expertise. In proposing a statement of sport parenting expertise and  
16 identifying six underpinning components, we have aimed to illustrate the types of parental  
17 behavior, practices, and participatory involvement that optimize children's sport experiences  
18 and outcomes. However, it may be reasonable to argue that these postulates indicate  
19 behaviors and practices that simply reflect the desirable expectations of "average" parenting.  
20 Our interpretation of the current literature is that not all parents, particularly when they  
21 initially become involved in competitive youth sport, possess the knowledge, skills, or  
22 understanding that underpins sport parenting expertise. Thus, in line with coaching expertise  
23 literature, we believe that research examining: (a) the components of parenting expertise; (b)  
24 how and when such expertise is developed, and (c) what support parents require to gain such  
25 expertise, would be worthy avenues in advancing sport parenting.



1 **Applied implications for practitioners and organizations**

2 Parents form a consistent part of the fabric of youth sport, and we believe it is  
3 incumbent upon practitioners, responsible clubs, and federations to help strengthen the  
4 competencies and skills of sport parents such that a healthy sport experience and environment  
5 is maintained. This paper highlights that sport parents require a high-degree of sport  
6 parenting knowledge and certain cognitive, social, and emotional skills in the same way as  
7 their children will benefit from such skills themselves in sport. Working for parents in sport  
8 begins with an empathic awareness of the demands they face and an understanding of these  
9 postulates of parenting expertise. Stage specific education and support provision to parents  
10 through one-to-one work, workshops, online resources, and regular meetings will help  
11 parents to gain more understanding, confidence, and expertise in their roles. Similarly,  
12 working with coaches on relationship-management with parents, and with parents on  
13 relationships with others should serve to ameliorate interpersonal skills amongst key parties  
14 in an athlete's social network (Jowett & Timson-Katchis, 2005).

15 Conspicuous by its absence is the lack of published, field-based intervention research  
16 specifically with sport parents (Harwood & Swain, 2002; Smoll, Smith & Cumming, 2007).  
17 Our body of research is such that applied researchers, practitioners, and organizations have a  
18 genuine opportunity to conduct proactive interventions that meet parents' education and  
19 support needs, and thus enhance the strength of their expertise. In conclusion, by answering  
20 the call of this special issue, we hope this article stimulates thinking on the development of  
21 excellence and expertise in sport parents, and initiates action through scholarly research and  
22 applied practice.

23

24

## References

- 1
- 2 Abidin, R. R. (1992). The determinants of parenting behavior. *Journal of Clinical Child and*  
3 *Adolescent Psychology, 21*, 407-412. doi:10.1207/s15374424\_jccp2104\_12
- 4 Arredondo, E. M., Elder, J. P., Ayala, G. X., Campbell, N., Baquero, B., & Duerksen, S.  
5 (2006). Is parenting style related to children's healthy eating and physical activity in  
6 Latino families? *Health Education Research, 21*, 862-871. doi:/10.1093/her/cyl110
- 7 Babkes, M. L., & Weiss, M. R. (1999). Parental influence on cognitive and affective  
8 responses in children's competitive soccer participation. *Pediatric Exercise Science,*  
9 *11*, 44-62.
- 10 Baker, J., Côté, J., & Abernethy, B. (2003). Sport specific training, deliberate practice and the  
11 development of expertise in team ball sports. *Journal of Applied Sport Psychology,*  
12 *15*, 12-25. doi:10.1080/10413200390180035
- 13 Baker, J., Horton, S., Robertson-Wilson, J., & Wall, M. (2003). Nurturing sport expertise:  
14 Factors influencing the development of elite athletes. *Journal of Sports Science and*  
15 *Medicine, 2*, 1-9.
- 16 Bailey, R., & Morley, D. (2006). Towards a model of talent development in physical  
17 education. *Sport, Education & Society, 11*, 211-230. doi:10.1080/13573320600813366
- Baumrind, D. (1971). Current patterns of parental authority. *Developmental Psychology, 4*, 1-  
103. doi:10.1037/h0030372
- 18 Baxter-Jones, A. D., & Maffuli, N. (2003). Parental influence on sport participation in elite  
19 young athletes. *The Journal of Sports Medicine and Physical Fitness, 43*, 250-255.
- 20 Belsky, J. (1984). *The determinants of parenting: A process model.* *Child Development, 55*,  
21 83-96. doi:10.2307/1129836

## EXPERTISE IN SPORT PARENTING

- Benson, P. L., Leffert, N., Scales, P. C., & Blyth, D. A. (1998). Beyond the “village” rhetoric: Creating healthy communities for children and adolescents. *Applied Developmental Science, 2*, 138-159.
- 1 Bloom, B. (1985). *Developing talent in young people*. New York, NY: Ballantine Books.
- 2 Bois, J. E., Lalanne, J., & Delforge C. (2009). The influence of parenting practices and  
3 parental presence on children's and adolescents' pre-competitive anxiety. *Journal of*  
4 *Sports Sciences, 27*, 995-1005. doi:10.1080/02640410903062001
- 5 Bowker, A., Boekhoven, B., Nolan, A., Bauhaus, S., Glover, P., Powell, T., & Taylor, S.  
6 (2009). Naturalistic observations of spectator behavior at youth hockey games. *The*  
7 *Sport Psychologist, 23*, 301-316.
- 8 Bronfenbrenner, U. (1999). Environments in developmental perspective: Theoretical and  
9 operational models. In S.L. Friedman & T.D Wachs (Eds.), *Measuring environment*  
10 *across the life span: Emerging methods and concepts* (pp. 3-28). Washington, DC:  
11 American Psychological Association Press.
- 12 Burleson, B.R., Delia, J.G., & Applegate, J. L. (1995). The socialization of person-centered  
13 communication: Parents' contributions to their children's social-cognitive and  
14 communication skills . In M. A. Fitzpatrick & A. L. Vangelisti (Eds.), *Explaining*  
15 *family interactions* (pp. 34 – 76). Thousand Oaks , CA : Sage.
- 16 Camiré, M., Forneris, T., Trudel, P., & Bernard, D., (2011). Strategies for helping coaches  
17 facilitate positive youth development through sport. *Journal of Sport Psychology in*  
18 *Action, 2*, 92-99. doi:10.1080/21520704.2011.584246
- 19 Côté, J. (1999). The influence of the family in the development of talent in sport. *The Sport*  
20 *Psychologist, 13*, 395- 417.

## EXPERTISE IN SPORT PARENTING

- 1 Côté, J., Baker, J., & Abernethy, B. (2007). Practice and play in the development of sport  
2 expertise. In R. Eklund & G. Tenenbaum (Eds.), *Handbook of sport psychology*, (pp.  
3 184-202; 3<sup>rd</sup> ed). Hoboken, NJ: Wiley.
- 4 Côté, J., & Gilbert, W. (2009). An integrative definition of coaching effectiveness and  
5 expertise. *International Journal of Sports Science and Coaching*, 4, 307-323.  
6 doi:10.1260/174795409789623892
- 7 Côté, J., & Hay, J. (2002). Children's involvement in sport: A developmental perspective. In  
8 J.M. Silva, & D.E. Stevens (Eds.), *Psychological foundations of sport* (pp. 484-502).  
9 Boston, MA: Allyn and Bacon.
- 10 Côté, J., Lidor, R., and Hackfort, D. (2009). ISSP position stand: To sample or to specialize?  
11 Seven postulates about youth sport activities that lead to continued participation and  
12 elite performance. *International Journal of Sport and Exercise Psychology*, 9, 7-17.  
13 doi:10.1080/1612197X.2009.9671889
- 14 Darling, N., & Steinberg, L. (1993). Parenting style in context: An integrative model.  
15 *Psychological Bulletin*, 113, 487-496. doi:10.1037/0033-2909.113.3.487
- 16 Deci, E. L., & Ryan, R. M. (1985). *Intrinsic motivation and self-determination in human*  
17 *behavior*. New York: Plenum.
- 18 Deater-Deckard, K. (2004). *Parenting Stress*. New Haven, CT: Yale University Press.
- 19 Dorsch, T. E., Smith, A. L., & McDonough, M. H. (2009). Parents' perceptions of child-to-  
20 parent socialization in organized youth sport. *Journal of Sport & Exercise*  
21 *Psychology*, 31, 444-468.
- 22 Duda, J.L., & Hom, M. (1993). Interdependencies between the perceived and self-reported  
23 goal orientations of young athletes and their parents. *Pediatric Exercise Science*, 5,  
24 234-241

## EXPERTISE IN SPORT PARENTING

- 1 Dweck, C. S. (1999). *Self theories: Their role in motivation, personality, and development*.  
2 Philadelphia, PA: Psychology Press.
- 3 Dworkin, J.B., Larson, R., & Hansen, D. (2003). Adolescents' accounts of growth  
4 experiences in youth activities. *Journal of Youth and Adolescence*, 32, 17-26.
- 5 Fletcher, D. and Arnold, R. (2011). A qualitative study of performance leadership and  
6 management in elite sport. *Journal of Applied Sport Psychology*, 23, 223-242. doi:  
7 10.1080/10413200.2011.55918
- 8 Fletcher, D., & Sarkar, M. (2013). A grounded theory of psychological resilience in Olympic  
9 champions. *Psychology of Sport and Exercise*, 13, 669-678.
- 10 Fletcher, D. and Wagstaff, C. R. D. (2009). Organizational psychology in elite sport: Its  
11 emergence, application and future. *Psychology of Sport and Exercise*, 10, 427-434.  
12 doi:10.1016/j.psychsport.2009.03.009
- 13 Fraser-Thomas, J., & Côté, J. (2009). Understanding adolescents' positive and negative  
14 developmental experiences in sport. *The Sport Psychologist*, 23, 3-23.
- 15 Fraser-Thomas, J., Côté, J., & Deakin, J. (2005). Youth sport programs: An avenue to foster  
16 positive youth development. *Physical Education and Sport Pedagogy*, 10, 19-40.  
17 doi:10.1080=1740898042000334890
- 18 Fraser-Thomas, J., Côté, J., & Deakin, J. (2008). Examining adolescent sport dropout and  
19 prolonged engagement from a developmental perspective. *Journal of Applied Sport*  
20 *Psychology*, 20, 318-333. doi:10.1080/10413200802163549
- 21 Fredricks, J. A., & Eccles, J. S. (2004). Parental influences on youth involvement in sports. In  
22 M. R Weiss (Ed.), *Developmental sport and exercise psychology: A lifespan*  
23 *perspective* (pp. 145-164). Morgantown, WV: Fitness Information Technology.

## EXPERTISE IN SPORT PARENTING

- 1 Gottman, J.M., Katz, L.F., & Hooven, C., (1996). Parental meta-emotion philosophy and the  
2 emotional life of families- Theoretical models and preliminary data. *Journal of*  
3 *Family Psychology, 10*, 243-268. doi:10.1037/0893-3200.10.3.243
- 4 Gould, D., Lauer, L., Rolo, C., Jannes, C., & Pennisi, N. (2006). Understanding the role  
5 parents play in tennis success: A national survey of junior tennis coaches. *British*  
6 *Journal of Sports Medicine, 40*, 632-636. doi:10.1136/bjism.2005.024927.
- 7 Gould, D., Lauer, L., Rolo, C., Jannes, C., & Pennisi, N. (2008). The role of parents in tennis  
8 success: Focus group interviews with junior coaches. *The Sport Psychologist, 22*, 18-  
9 37.
- 10 Grolnick, W.S. (2003). *Psychology of parenting control: How well-meaning parenting*  
11 *backfires*. Mahwah, NJ: Lawrence Erlbaum.
- 12 Gurland, S.T., & Grolnick, W.S. (2005). Perceived threat, controlling parenting, and  
13 children's achievement orientations. *Motivation and Emotion, 29*, 103-121.  
14 doi:10.1007/s11031-00507956-2
- 15 Hanton, S., & Fletcher, D. (2005). Organizational stress in competitive sport: More than we  
16 bargained for? *International Journal of Sport Psychology, 36*, 273-283.
- 17 Harwood, C., Drew, A., Knight, C. J. (2010). Parental stressors in professional youth football  
18 academies: A qualitative investigation of specialising stage parents. *Qualitative*  
19 *Research in Sport and Exercise. 2*, 39–55. doi:10.1080/19398440903510152
- 20 Harwood, C.G., Douglas, J., & Minniti, A.M. (2012). Talent development: The role of the  
21 family. In Shane Murphy (Ed.), *Handbook of Sport and Performance Psychology* (pp.  
22 476-492). Oxford University Press: Oxford.
- 23 Harwood, C., & Knight, C. (2009a). Understanding parental stressors: An investigation of  
24 British tennis parents. *Journal of Sports Sciences, 27*, 339-351. doi:10.1080/  
25 02640410802603871

## EXPERTISE IN SPORT PARENTING

- 1 Harwood, C., & Knight, C. (2009b). Stress in youth sport: A developmental investigation of  
2 tennis parents. *Psychology of Sport and Exercise, 10*, 447-456. doi:10.1016  
3 /j.psychsport.2009.01.005
- 4 Harwood, C. G., & Swain, A. B (2002). The development and activation of achievement  
5 goals within tennis II: A player, parent, and coach intervention. *The Sport*  
6 *Psychologist, 16*, 111-137.
- 7 Hellstedt, J. C. (1987). The coach/parent/athlete relationship. *The Sport Psychologist, 1*, 151-  
8 160.
- 9 Hennessy, H., Hughes, S. O., Goldberg, J. P., Hyatt, R. R., & Economos, C. D. (2010). Parent  
10 behavior and child weight status among a diverse group of underserved rural families.  
11 *Appetite, 54*, 369-377. doi:10.1016/j.appet.2010.01.004
- 12 Henriksen, K., Stambulova, N., & Roessler, K. K. (2010). Holistic approach to athletic talent  
13 development environments: A successful sailing milieu. *Psychology of Sport and*  
14 *Exercise, 11*, 212-222. doi:10.1016/j.psychsport.2009.10.005
- 15 Holt, N. L. (2008). *Positive youth development through sport*. Abingdon, Oxon: Routledge.
- 16 Holt, N. L., & Dunn, J. G. H. (2004). Toward a grounded theory of the psychosocial  
17 competencies and environmental conditions associated with soccer success. *Journal*  
18 *of Applied Sport Psychology, 16*, 199-219. doi:10.1080/10413200490437949
- 19 Holt, N. L., Tamminen, K. A., Black, D. E., Mandigo, J. L., & Fox, K. R. (2009). Youth sport  
20 parenting styles and practices. *Journal of Sport & Exercise Psychology, 31*, 37-59.
- 21 Holt, N. L., Tamminen, K. A., Black, D. E., Sehn, Z. L., & Wall, M. P. (2008). Parental  
22 involvement in competitive youth sport settings. *Psychology of Sport and Exercise, 9*,  
23 663-685. doi:10.1016/j.psychsport.2007.08.001
- 24 Horton, S., Baker, J. & Deakin, J. (2005). Experts in action: A systematic observation of 5  
25 national team coaches. *International Journal of Sport Psychology, 36*, 299-319.

## EXPERTISE IN SPORT PARENTING

- 1 Hoyle, R. H., & Leff, S. S. (1997). The role of parental involvement in sport participation and  
2 performance. *Adolescence*, 32, 233-243.
- 3 Jago, R. P., Davison, K. K., Brockman, R., Page, A. S., Thompson, J. L., & Fox, K. R.  
4 (2011). Parenting styles, parenting practices, and physical activity in 10- to 11-year  
5 olds. *Preventive Medicine*, 52, 44-47. doi:10.1016/j.ypmed.2010.11.001
- 6 Johnston, J., Harwood, C., & Minniti, A. M. (2013). Positive youth development in  
7 swimming: Clarification and consensus of key psychosocial assets. *Journal of Applied*  
8 *Sport Psychology*, 25, 392-411. doi:10.1080/10413200.2012.747571
- 9 Jowett, S., & Timson-Katchis, M. (2005). Social networks in sport: Parental influence on the  
10 coach-athlete relationship. *The Sport Psychologist*, 19, 267-287.
- 11 Juntumaa, B., Keskiavaara, P., & Punamäki, R. L. (2005). Parenting, achievement practices and  
12 satisfaction in ice hockey. *Scandinavian Journal of Psychology*, 46, 411-420.  
13 doi:10.1111/j.1467-9450.2005.00472.x
- 14 Keegan, R. J., Spray, C. M., Harwood, C. G., & Lavalley, D. E. (2010). The 'motivational  
15 atmosphere' in youth sport: Coach, parent and peer influences on motivation in  
16 specializing sport participants. *Journal of Applied Sport Psychology*, 22, 87-104.  
17 doi:10.1080/10413200903421267.
- 18 Kidman, L., McKenzie, A., & McKenzie, B. (1999). The nature and target of parents'  
19 comments during youth sport competitions. *Journal of Sport Behavior*, 22, 54-68.
- 20 Kirk, D., Carlson, T., O'Connor, A., Burke, P., Davis, K., & Glover, S. (1997). The economic  
21 impact on families of children's participation in junior sport. *Australian Journal of*  
22 *Science and Medicine in Sport*, 29, 27-33. doi:10.1080/1740898970020105
- 23 Knight, C. J., Boden, C. M., & Holt, N. L. (2010). Junior tennis players' preferences for  
24 parental behaviors at tournaments. *Journal of Applied Sport Psychology*, 22, 377-391.  
25 doi:10.1080 /10413200.2010.495324



## EXPERTISE IN SPORT PARENTING

- 1 Knight, C. J., & Harwood, C. G. (2009). Parent-initiated coaching stress: A developmental  
2 study. *International Journal of Sports Science and Coaching*, 4, 545-565. doi:10.1260  
3 /174795409790291448
- 4 Knight, C. J., & Holt, N. L. (2013a). Parents' experiences at junior tennis tournaments in  
5 Western Australia. *Sport, Exercise, and Performance Psychology*, 2, 173-189.  
6 doi:10.1037/a0031203
- 7 Knight, C. J., & Holt, N. L. (2013b). Strategies used and assistance required to facilitate  
8 children's involvement in competitive tennis: Parents' perspectives. *The Sport*  
9 *Psychologist*, 27, 281-291.
- 10 Knight, C. J., & Holt, N. L. (2014). Parenting in youth tennis: Understanding and enhancing  
11 children's experiences. *Psychology of Sport and Exercise*, 15, 155-164.
- 12 Knight, C. J., Neely, K. C., & Holt, N. L. (2011). Parental behaviors in team sports: How do  
13 female athletes want parents to behave? *Journal of Applied Sport Psychology*, 23, 76-  
14 92. doi:10.1080/10413200.2010.525589
- 15 Lally, P. S. & Kerr, G. (2008). The effects of athlete retirement on parents. *Journal of*  
16 *Applied Sport Psychology*, 20, 42-56. doi:10.1080/10413200701788172
- 17 Lauer, L., Gould, D., Roman, N., & Pierce, M. (2010a). Parental behaviors that affect junior  
18 tennis player development. *Psychology of Sport and Exercise*, 11, 487-496.  
19 doi:10.1016/j.psychsport.2010.06.008
- 20 Lauer, L., Gould, D., Roman, N., & Pierce, M. (2010b). How parents influence junior tennis  
21 players' development: Qualitative narratives. *Journal of Clinical Sport Psychology*, 4,  
22 69-92.
- 23 Leff, S. S., & Hoyle, R. H. (1995). Young athlete's perceptions of parental support and  
24 pressure. *Journal of Youth and Adolescence*, 24, 187-203. doi:10.1007/BF01537149

## EXPERTISE IN SPORT PARENTING

- 1 Martindale, R., Collins, D. & Abraham, A. (2007) Effective talent development: The elite  
2 coach perspective in UK sport. *Journal of Applied Sport Psychology, 19*, 187-206.  
3 doi:10.1080 /10413200701188944
- 4 Maccoby, E. E., & Martin, J. A. (1983). Socialization in the context of the family: Parent-  
5 child interaction. In P. H. Mussen (Series Ed.) & E. M. Hetherington (Vol. Ed.),  
6 *Handbook of child psychology: Vol. 4. Socialization, personality, and social*  
7 *development* (4<sup>th</sup> ed., pp. 1-101). New York, NY: Wiley.
- 8 MacNamara, Á., Button, A. & Collins, D. (2010a). The Role of Psychological Characteristics  
9 in Facilitating the Pathway to Elite Performance. Part 1: Identifying mental skills and  
10 behaviours. *The Sport Psychologist, 24*, 52-73.
- 11 MacNamara, Á., Button, A., & Collins, D. (2010b). The role of psychological characteristics  
12 in facilitating the pathway to elite performance part 2: Examining environmental and  
13 stage-related differences in skills and behaviors. *The Sport Psychologist, 24*, 74-96.
- 14 Milevsky, A., Schlechter, M., Netter, S., & Keehn, D. (2007). Maternal and paternal  
15 parenting styles in adolescents: Associations with self-esteem, depression and life  
16 satisfaction. *Journal of Child and Family Studies, 16*, 39-47. doi:10.1007/s10826-006-  
17 9066-5
- 18 Nicholls, A. R., & Polman, R. C. J. (2007). Coping in sport: A systematic review.  
19 *Journal of Sports Sciences, 25*, 11-31. doi:10.1080/02640410600630654
- 20 O'Byrne, K., Haddock, C., Poston, W. (2002). Parenting style and adolescent smoking.  
21 *Journal of Adolescent Health, 30*, 418-425.
- 22 Omli, J., & LaVoi, N. M. (2009). Background anger in youth sport: A perfect storm? *Journal*  
23 *of Sport Behavior, 32*, 242-260.

## EXPERTISE IN SPORT PARENTING

- 1 Omli, J., & Wiese-Bjornstal, D. M. (2011). Kids speak: Preferred parental behavior at youth  
2 sport events. *Research Quarterly for Exercise and Sport*, 82, 702-711. doi:10.1080  
3 /02701367.2011.10599807
- 4 Omli, J., & LaVoi, N. M. (2012). Emotional experiences of youth sport parents I: Anger.  
5 *Journal of Applied Sport Psychology*, 24, 10-25. doi:10.1080/10413200.2011.578102
- 6 Potrac, P. Jones, R., & Armour, K. (2002). “It’s all about getting respect”: The coaching  
7 behaviors of an expert English soccer coach. *Sport, Education & Society*, 7, 183-202.  
8 doi:10.1080/1357332022000018869
- 9 Rees, T., & Hardy, L. (2000). An investigation of the social support experiences of high-level  
10 sport performers. *The Sport Psychologist*, 14, 327-347.
- 11 Sapieja, K. M., Dunn, J. G. H., & Holt, N. L. (2011). Perfectionism and perceptions of  
12 parenting styles in male youth soccer. *Journal of Sport & Exercise Psychology*, 33,  
13 20-39.
- 14 Schmitz, K. H., Lytle, L. A., Phillips, G. A., Murray, D. M., Birnbaum, A. S., & Kubik, M.  
15 Y. (2002). Psychosocial correlates of physical activity and sedentary leisure habits in  
16 young adolescents: The teens eating for energy and nutrition at school study.  
17 *Preventive Medicine*, 34, 266-278. doi:10.1006/pmed.2001.0982
- 18 Smoll, F. L., Smith, R. E., & Cumming, S. P., (2007). Effects of coach and parent training on  
19 performance anxiety in young athletes: A systemic approach. *Journal of Youth  
20 Development*, 2, 0701FA002.
- 21 Smoll, F. L., Cumming, S. P., & Smith, R. E., (2011). Enhancing coach-parent relationships  
22 in youth sports: Increasing harmony and minimizing hassle. *International Journal of  
23 Sports Science and Coaching*, 6, 13-26. doi:10.1260/1747-9541.6.1.13
- 24 Soberlak, P., & Côté, J. (2003). The developmental activities of elite ice hockey players.  
25 *Journal of Applied Sport Psychology*, 15, 41–49. doi:10.1080/10413200305401

## EXPERTISE IN SPORT PARENTING

- 1 Spera, C. (2006). Adolescents' perceptions of goals, practices, and styles in relation to their  
2 motivation and achievement. *The Journal of Early Adolescence*, 26, 456-490.  
3 doi:10.1177/0272431606291940
- 4 Stein, G. L., Raedeke, T. D. & Glenn, S. D. (1999). Children's perceptions of parent sport  
5 involvement: It's not how much, but to what degree that's important. *Journal of Sport*  
6 *Behavior*, 22, 591-601
- 7 Strachan, L., Côté, J., & Deakin, J. (2009). "Specializers" versus "Samplers" in youth sport:  
8 Comparing experiences and outcomes. *The Sport Psychologist*, 23, 77-92.
- 9 Tucker, Derelian, & Rouner, 1997. Building the case: Position papers, backgrounders, fact  
10 sheets, and biographical sketches. In *Public relations writing: An issue-driven*  
11 *behavioral approach* (pp.79-85). Upper Saddle River, NJ: Prentice Hall.
- 12 Ullrich-French, S., & Smith, A. L. (2006). Perceptions of relationships with parents and peers  
13 in sport: Independent and combined prediction of motivational outcomes. *Psychology*  
14 *of Sport and Exercise*, 7, 193-214.
- 15 Vella, S. A., Oades, L. G., & Crowe, T. P. (2011). The role of the coach in facilitating  
16 positive youth development: moving from theory to practice. *Journal of Applied Sport*  
17 *Psychology*, 23, 33- 49. doi:10.1080/10413200.2010.511423
- 18 Wiersma, L. D., & Fifer, A. M. (2008). "The schedule has been tough but we think it's worth  
19 it": The joys, challenges, and recommendations of youth sport parents. *Journal of*  
20 *Leisure Research*, 40, 505-530.
- 21 Wolfenden, L. E., & Holt, N. L. (2005). Talent development in elite junior tennis:  
22 Perceptions of players, parents, and coaches. *Journal of Applied Sport Psychology*,  
23 17, 108-126. doi:10.1080/10413200590932416
- 24 Woodman, T., & Hardy, L. (2001). A case study of organizational stress in sport. *Journal of*  
25 *Applied Sport Psychology*, 13, 207-238. doi:10.1080/104132001753149892

## EXPERTISE IN SPORT PARENTING

- 1 Wuerth, S., Lee, M. J., & Alfermann, D. (2004). Parental involvement and athletes' career in  
2 youth sport. *Psychology of Sport and Exercise*, 5, 21-33. doi:10.1016/S1469-  
3 0292(02)00047-X

Wylleman, P., & Lavallee, D. (2004). A developmental perspective on transitions faced by  
athletes. In M. Weiss (Ed.), *Developmental sport and exercise psychology: A lifespan  
perspective*, (pp.507-527). Morgantown, WV: Fitness Information Technology.

4