

Research Issues and Methodological Advances

- What keeps people engaged in the development of their talent over time?
- What are the life-span consequences of developing one's talent?
- Use of mixed-methods in research-combining quantitative and qualitative methods.
- Development of the Scanlan Collaborative Interview Method (SCIM)-a methodology using interview data to develop, test, and expand any psychological theory

The International Center for Talent Development (ICTD)

Mission

The International Center for Talent Development envisions a multidisciplinary approach for understanding talent, and for developing and encouraging talent at all levels, across a wide range of domains.

- **Talent development** includes considerations related to motivation and emotion, learning and the development of expertise, significant individuals in a person's life (such as family members, mentors, and peers), and sociological, economic and cultural factors that influence a person's life choices.
- **Skill levels** range from novice through expert, extending from youth sport participants through world-class athletes in sport, from beginning instrumental students through concert-hall performers in music, from school children studying science through members of the elite corps of astronauts in space exploration.
- **Talent domains** are diverse, encompassing the visual arts, business, dance, education, music, space exploration, sport, and writing, to name a few.

To fulfill its mission, the International Center for Talent Development produces seminal research; provides educational experiences for undergraduate, graduate, and post graduate students; and engages in outreach to disseminate findings and inform public policy.

Research Issues

While the Center scope incorporates a broader range of interests, my primary research focuses on two issues. What keeps people engaged in the development of their talent over time? What are the consequences of talent development?

Methodology Development

A major signature of the International Center is the use of mixed-methods research (combining quantitative and qualitative methodologies) and the development of new methodologies to facilitate this process. Accordingly, I have created the Scanlan Collaborative Interview Method (SCIM) and its accompanying analytic procedures. This is a methodological breakthrough in that SCIM provides a completely new way to use interview data for theory construction purposes. In so doing, it provides an alternative to the well-established Grounded Theory approach. Two versions have been developed and used for the projects presented below. Version 1 is a prospective SCIM to test and expand any psychological theory. It can also be used retrospectively with some minor modifications. Version 2 is a retrospective SCIM used for the earlier stages of theory development. These interviews have been integrated into the two lines of research presented below.

Lines of Research

What keeps people engaged in the development of their talent over time?

Our ongoing research on enjoyment/passion and commitment with youth and world-class athletes has focused on this issue. We define commitment as a psychological variable reflecting the desire and determination to persist in an endeavor over time. We are developing a Theory of Sport Commitment that, in the future, will be tested in other talent domains to assess how well it generalizes to diverse arenas.

The Project on Elite Athlete Commitment (PEAK), involved the development and use of SCIM Version 1 to test, expand, and then assess the external validity of the Theory of Sport Commitment. Combining this method with our prior quantitative survey data involving well over a 1,000 youth athletes, brings a strong mixed-methods approach to our research on commitment. We have collected three extensive and separate sets of interview data with New Zealand's most elite athletes--a male and female amateur team and a male professional team. The data are presented as an integrated series of articles; the first three articles are published and the fourth is in preparation.

The next phase of theory development involves returning to quantitative methods and working on the Sport Commitment International Scale Development Project (SCISDP). My lab team and I incorporated what we learned through the PEAK interviews and prior survey research to create more sophisticated assessment tools to examine the predictors and consequences of commitment. Specifically, we developed an expanded and more refined commitment scale for adolescent athletes, and a similar but new scale for elite, world-class performers. In so doing, we employed state of the art techniques to make the scale items appropriate for international translation. For example, we used a method called *de-centering* that considers the linguistic and cultural nuances of each item with respect to English and other target languages. We were able to experiment with and employ this method because one of my recent Postdoctoral Fellows (Dr. Catarina Sousa) speaks Spanish, Portuguese, Catalan, and English; and is very familiar with the Spanish and Portuguese cultures. Including this international aspect made the item development process even more difficult and laborious, but the outcomes in terms of scale translation and cross-cultural research are tremendous. As will be seen below, the international community is already interested in the SCISDP

Under the direction of Dr. Graig Chow (Postdoctoral Fellow), we currently are in the process of data collection to test the new adolescent scale. We need to survey well over a 1,500 athletes (we have now completed data collection on 800 athletes) from various types of sports at their practice sites all over CA. We will use these data to also refine and shorten the elite athlete scale, and then begin data collection to specifically assess that instrument. The finalized English versions of the adolescent and elite scales will be sent to Dr. Sousa to test in Spain, Portugal, and Brazil (adapted to Brazilian Portuguese). Greece, Italy, and several other countries are waiting to be included in this process.

What are the consequences of talent development?

The (New Jersey) Project on Life-span Consequences of Adolescent Talent Development: The Role of Extracurricular Activities (Involves the development and use of SCIM Version 2).

There is considerable national interest on the consequences of activity participation and “how youth spend their time” to foster positive development and to counter the drug, pregnancy, and gang problems of “latch key” and at risk youth. To date, the consequences examined are typically short term (e.g., high school grades and graduation rates), mainly survey methods are

used, and the data are largely descriptive. In contrast, what we call the “New Jersey Project” uses SCIM Version 2 for theory development purposes and focuses on the consequences of talent development over the life-span. The project studies the influence of high school extracurricular activity participation on the life course of women who were in their fifties. Moreover, while we are interested in a wide range of extracurricular activities (e.g., music, drama, government, sport), our New Jersey sample was specifically selected because it represents a rare group of women who were able to participate in interscholastic, varsity sports at the high school level before Title IX. There were only 300,000 girls throughout the country who had this type of opportunity in the 1960s. Hence, this group is more representative of current adolescents than most of their cohorts at that time. This is key to the results generalizing to the youth of today. We have completed all interviewing (involving travel to eight different states) and data analysis, and the resulting manuscript is in preparation.

Selected Publications

- Scanlan, T.K. (1977). The effects of success-failure on the perception of threat in a competitive situation. *Research Quarterly*, 48, 144-153.
- Scanlan, T.K. (1977). Suggested directions for competition research. *Quest*, 28, 66-75.
- Scanlan, T.K. (1978). Antecedents of competitiveness. In R.A. Magill, M.J. Ash and F.L. Smoll (Eds.), *Children in sport*. Champaign, IL: Human Kinetics, 53-75. 2nd Ed., 1982, 48-69. (Invited chapter).
- Scanlan, T.K., & Passer, M.W. (1978). Anxiety inducing factors in competitive youth sports. In F.L. Smoll and R.E. Smith (Eds.), *Psychological perspectives in youth sports* (pp. 107-122). Washington, D.C: Hemisphere Press. (Invited chapter).
- Scanlan, T.K. (1978). Perceptions and responses of high- and low- competitive trait anxious males to competition. *Research Quarterly*, 49, 520-527.
- Scanlan, T.K., & Passer, M.W. (1978). Factors related to competitive stress among male youth sports participants. *Medicine and Science in Sports*, 10, 103-108.
- Scanlan, T.K., & Ragan, J.T., Jr. (1978). Achievement motivation and competition: Perceptions and responses. *Medicine and Science in Sports*, 10, 276-281.
- Scanlan, T.K., & Passer, M.W. (1979). Sources of competitive stress in young female athletes. *Journal of Sport Psychology*, 1, 151-159.
- Scanlan, T.K., & Passer, M.W. (1979). Factors influencing the competitive performance expectancies of young female athletes. *Journal of Sport Psychology*, 1, 212-220.
- Scanlan, T.K., & Passer, M.W. (1980). Self-serving biases in the competitive sport setting: An attributional dilemma. *Journal of Sport Psychology*, 2, 124-136.
- Scanlan, T.K., & Passer, M.W. (1980). The attributional responses of young female athletes after winning, tying, and losing. *Research Quarterly for Exercise and Sport*, 51, 675-684.
- Scanlan, T.K., & Passer, M.W. (1981). Determinants of competitive performance expectancies of young male athletes. *Journal of Personality*, 49, 60-74.
- Scanlan, T.K. (1984). Competitive stress and the child athlete. In J.M. Silva, III and R.S. Weinberg (Eds.), *Psychological foundations of sport* (pp. 118-129). Champaign, IL: Human Kinetics. (Invited chapter).

- Scanlan, T.K., & Lewthwaite, R. (1984). Social psychological aspects of competition for male youth sport participants: I. Predictors of competitive stress. *Journal of Sport Psychology*, 6, 208-226.
- Scanlan, T.K., Lewthwaite, R., & Jackson, B.L. (1984). Social psychological aspects of competition for male youth sport participants: II. Predictors of performance outcomes. *Journal of Sport Psychology*, 6, 422-429.
- Scanlan, T.K., & Lewthwaite, R. (1986). Social psychological aspects of competition for male youth sport participants: III. Determinants of personal performance expectancies. *Journal of Sport Psychology*, 7, 389-399.
- Scanlan, T.K., & Lewthwaite, R. (1986). Social psychological aspects of competition for male youth sport participants: IV. Predictors of enjoyment. *Journal of Sport Psychology*, 8, 25-35.
- Scanlan, T.K., & Lewthwaite, R. (1988). From stress to enjoyment: Parental and coach influences on young participants. In E.W. Brown and C.F. Branta (Eds.), *Competitive stress for children and youth: An overview of research and issues* (pp. 41-48). Champaign, IL: Human Kinetics. (Invited chapter).
- Lewthwaite, R., & Scanlan, T.K. (1989). Predictors of competitive trait anxiety in male youth sport participants. *Medicine and Science in Sports and Exercise*, 21, 221-229.
- Scanlan, T.K., (1989). Sport enjoyment: A key motivational factor for youth sport and elite athletes. *Proceedings of the First World Congress on Sport Sciences*, (pp. 364-366). (Invited article).
- Scanlan, T.K., Ravizza, K., & Stein, G.L. (1989). An in-depth study of former elite figure skaters: I. Introduction to the project. *Journal of Sport and Exercise Psychology*, 11, 54-64.
- Scanlan, T.K., Stein, G.L., & Ravizza, K. (1989). An in-depth study of former elite figure skaters: II. Sources of enjoyment. *Journal of Sport and Exercise Psychology*, 11, 65-83.
- Scanlan, T.K., Stein, G.L., & Ravizza, K. (1991). An in-depth study of former elite figure skaters: III. Sources of stress. *Journal of Sport and Exercise Psychology*, 13, 103-120.
- Scanlan, T.K., & Simons, J.P. (1992). The construct of sport enjoyment. In G. C. Roberts (Ed.), *Motivation in sport and exercise*, (pp. 199-215). Champaign, IL: Human Kinetics. (Invited chapter).
- Stein, G.L., & Scanlan, T.K. (1992). Goal attainment and non-goal occurrences as underlying mechanisms to an athlete's sources of enjoyment. *Pediatric Exercise Science*, 4, 150-165.
- Scanlan, T.K., Carpenter, P.J., Schmidt, G.W., Simons, J.P., & Keeler, B. (1993). An introduction to the Sport Commitment Model. *Journal of Sport and Exercise Psychology*, 15, 1-15.
- Scanlan, T.K., Simons, J.P., Carpenter, P.J., Schmidt, G.W., & Keeler, B. (1993). The Sport Commitment Model: Measurement development for the youth sport domain. *Journal of Sport and Exercise Psychology*, 15, 16-38.
- Carpenter, P.J., Scanlan, T.K., Simons, J.P., & Lobel, M. (1993). A test of the Sport Commitment Model using structural equation modeling. *Journal of Sport and Exercise Psychology*, 15, 119-133.

- Scanlan, T.K., & Carpenter, P.J. (1993). Key ingredients to commitment in sport. In J.R. Nitsch and R. Seiler (Eds.), *Motivation, emotion, stress* (pp. 21-31). Proceedings of the VII European Congress of Sport Psychology. Cologne, Germany. (Invited article).
- Scanlan, T.K., Carpenter, P.J., Lobel, M., & Simons, J.P. (1993). Sources of enjoyment for youth sport athletes. *Pediatric Exercise Science*, *5*, 275-285. (Invited article for a special journal issue).
- Scanlan, T.K. (1998). Thriving versus surviving. In J. Wilmore (Ed.), *Quest: The Academy Papers*, *50*, 125-132. (Invited article).
- Carpenter, P.J., & Scanlan, T.K. (1998). Changes over time in the determinants of Sport Commitment. *Pediatric Exercise Science*, *10*, 356-365.
- Scanlan, T.K. (2002). Social evaluation and the competition process: A developmental perspective. In F.L. Smoll and R.E. Smith (Eds.), *Children and youth in sport: A biopsychosocial perspective* (2nd Ed., pp. 393-407). Dubuque, Iowa: Kendall/Hunt. (Invited chapter).
- Scanlan, T. K., Russell, D. G., Wilson, N. C., & Scanlan, L. A. (2003). Project on Elite Athlete Commitment (PEAK): I. Introduction and methodology. *Journal of Sport & Exercise Psychology*, *25*, 360-376.
- Scanlan, T. K., Russell, D. G., Beals, K. P., & Scanlan, L. A. (2003). Project on Elite Athlete Commitment (PEAK): II. A direct test and expansion of the Sport Commitment Model with elite amateur sportsmen. *Journal of Sport & Exercise Psychology*, *25*, 377-401.
- Scanlan, T. K., Babkes, M. L., & Scanlan, L. A. (2005). Participation in sport: A developmental glimpse at emotion. In J. L. Mahoney, R. W. Larson, & J. S. Eccles (Eds.), *Organized activities as contexts of development: Extracurricular activities, after-school and community programs* (pp. 275-309). Mahwah, NJ: Lawrence Erlbaum Associates.
- Daniels, E., & Scanlan, T.K. (2007). A new collaborative interview method to test and expand psychological theory. *International Society for the Study of Behavioral Development Newsletter*. (Issue 2, pp. 21-23). (Invited article).
- Scanlan, T.K., Scanlan, L.A., & Stellino, M.B. (2009). Athletic development. In R.A. Shweder, T.R. Bidell, A.C. Dailey, S.D. Dixon, P.J. Miller, and J. Modell (Eds.), *The child: An encyclopedic companion*. (pp. 72-73). Chicago: University of Chicago Press. (Invited article).
- Scanlan, T. K., Russell, D. G., Magyar, T. M., & Scanlan, L. A. (2009). Project on Elite Athlete Commitment (PEAK): III. An Examination of the External Validity Across Gender, and the Expansion and Clarification of the Sport Commitment Model. *Journal of Sport & Exercise Psychology*, *31*, 685-705.
- Scanlan, T.K. (In press). Personal turning points on the road from laboratory experimentalist to mixed methodologist. *Qualitative Research in Sport, Exercise, and Health*. (Invited article for special journal issue).
- Scanlan, T.K., Russell, D.G., Scanlan, L.A., Klunchoo, T.J. (Ms. in progress). Conclusion to the Project on Elite Athlete Commitment (PEAK IV): An examination of the external validity across professional status, and newly identified constructs to expand the Sport Commitment Model.

Scanlan, T.K., Daniels, E.A., Kahn, K., Stellino, M.B., Scanlan, L.A. (Ms. in progress). High school involvement in organized activities: Underlying mechanisms and lifespan consequences.

Selected Invited Presentations

Scanlan, T.K. (1976, March). *The effects of competition on the psychological and social development of children*. Paper presented at the Conference on Children in Sport: A Symposium on Readiness and Effect, Milwaukee, Wisconsin.

Scanlan, T.K. and Passer, M.W. (1977, March). *Anxiety inducers in children's sport competition*. Paper presented at the Symposium on Contemporary Research on Youth Sports, Seattle, Washington.

Scanlan, T.K. (1978, May). *Issues in youth sports research*. Panelist and chair of symposium at the North American Society for the Psychology of Sport and Physical Activity, Tallahassee, Florida, May, 1978.

Scanlan, T.K. (1979, April). *Self-serving biases in the competitive sport setting: An attributional dilemma*. Paper presented at the symposium on "Sport Psychology: Current Research and Intervention Programs". Western Psychological Association, San Diego, California.

Scanlan, T.K. (1980, May). *Field research: The whys and hows*. Panelist and chair of symposium at the North American Society for the Psychology of Sport and Physical Activity, Boulder, Colorado.

Scanlan, T.K. (1980, October). *Sources of competitive stress in children's athletics*. Keynote address presented for the Carlos Wear Lecture Series, University of Nebraska, Lincoln, Nebraska.

Scanlan, T.K. (1982, May). *Movement: A forgotten focus*. Paper presented at the symposium on "Ecological Validity". North American Society for the Psychology of Sport and Physical Activity, College Park, Maryland.

Scanlan, T.K. (1982, August). *Competitive stress and the child athlete*. Keynote address presented at the World Convention of the Association Internationale des Ecoles Superieres d'Education Physique, Boston University, Boston, Massachusetts.

Scanlan, T.K. (1983, April). *The nature of sport psychology*. Lecture presented at the Psychology Colloquium, University of Canterbury, Christchurch, New Zealand.

Scanlan, T.K. (1983, April). *Competitive stress*. Lecture presented at the University of Otago, Dunedin, New Zealand.

Scanlan, T.K. (1983, May). *Competitive stress in the child athlete*. Keynote address presented at the New Zealand Federation of Sports Medicine, Hamilton, New Zealand.

Scanlan, T.K. (1983, May). *Motivation, stress, and performance*. Keynote address presented at the New Zealand Federation of Sports Medicine, Hamilton, New Zealand.

Scanlan, T.K. (1984, July). *Sources of competitive stress in youth sport athletes*. Paper presented at the symposium on "Perceptions of Stress and Motivation of Children in Competitive Sport". Olympic Scientific Congress, Eugene, Oregon.

- Scanlan, T.K. (1984, July). *Directions for competitive youth sport research*. Closing comments for the Interdisciplinary Meetings on "Competitive Sport for Children and Youth". Olympic Scientific Congress, Eugene, Oregon.
- Scanlan, T.K. (1985, October). *From stress to enjoyment: Parental and coach influences on young participants*. Paper presented at the Big Ten Symposium on "Effects of Competitive Sports on Children and Youth", Michigan State University, Lansing, Michigan.
- Scanlan, T.K. (1985, November). *Psychological aspects of children in sport*. Lecture presented at the Child Psychiatry Journal Club, UCLA, Los Angeles, California.
- Scanlan, T.K. (1986, February). *Stress and competitive youth sports*. Lecture presented at the Developmental Studies in Education Colloquium Series, UCLA, Los Angeles, California.
- Scanlan, T.K. (1986, November). *Sources of stress in children's sport*. Lecture presented to the Research Consortium conducted by the Los Angeles Olympic Organizing Committee-Amateur Athletic Foundation, Los Angeles, California.
- Scanlan, T.K. (1988, June). *Comments on exercise and sport psychology for youth*. Reaction to paper by R. Dishman at the "Conference on Youth, Exercise, and Sport", Sonesta Beach Hotel, Bermuda.
- Scanlan, T.K. (1989, June). *Stress and motivational issues in competitive youth sports*. Lecture presented to the American Academy of Pediatrics and the Los Angeles Pediatric Society Continuing Medical Education Program, Kaiser Hospital, Panorama City, California.
- Scanlan, T.K. (1989, October - November). *Sport enjoyment: A key motivational factor for youth sport and elite youth athletes*. Keynote address presented at the First International Olympic Committee World Congress on Sports Sciences, The Broadmoor Hotel, Colorado Springs, Colorado.
- Scanlan, T.K. (1989, November). *Enhancing motivation: The concept of enjoyment*. Paper presented at the Motivation in Exercise and Sport symposium, University of Illinois, Champaign-Urbana, Illinois.
- Scanlan, T.K. (1990, January). *Enjoyment: A key to motivation in sport*. Keynote address presented at the Commonwealth and International Conference, Auckland, New Zealand.
- Scanlan, T.K. (1991, March). *Sport enjoyment: Sources and consequences*. Lecture presented to the Faculty of Education, University of British Columbia, Vancouver, Canada.
- Scanlan, T.K. (1991, May). *An in-depth study of former elite figure skaters: Sources of enjoyment*. Lecture presented with K. Ravizza at the International Conference of the Professional Skaters Guild of America, San Diego, California.
- Scanlan, T.K. (1991, June). *Sport enjoyment: A key to motivation*. Lecture presented at the Educational Psychology Colloquium, UCLA, Los Angeles, California.
- Scanlan, T.K. (1991, June). *Key issues in qualitative research*. Panelist and chair of symposium at the North American Society for the Psychology of Sport and Physical Activity, Asilomar, California.
- Scanlan, T.K. (1991, September). *Key ingredients to commitment in sport*. Keynote address presented at the VIII European Congress of Sport Psychology, Cologne, Germany.

- Scanlan T.K. (1991, October). *Roundtable discussant on research directions*. Question and answer session on my research. Association for the Advancement of Applied Sport Psychology, Savannah, Georgia.
- Scanlan, T.K. (1991, October). *A response to "Talent and enjoyment: Findings from a longitudinal study."* Formal reactor to the keynote address by Mihalyi Csikszentmihalyi, Association for the Advancement of Applied Sport Psychology, Savannah, Georgia.
- Scanlan, T.K. (1992, August). *A qualitative look at emotion in sport*. Address presented at the American Psychological Association Centennial Convention (Division 47), Washington, D.C.
- Scanlan, T.K. (1992, October). *The use of qualitative methods in developing a model of sport commitment*. Lecture presented as a William Evans Visiting Fellow, University of Otago, Dunedin, New Zealand.
- Scanlan, T.K. (1993, January). *What in the world is sport psychology?* Lecture presented at the Social Psychology Area Colloquium Series, UCLA, Los Angeles, California.
- Scanlan, T.K. (1993, February). *Sources of sport enjoyment*. Lecture presented at the Health Psychology Area Seminar, UCLA, Los Angeles, California.
- Scanlan, T.K. & Russell, D.G. (1993, October). *Testing...Testing...Where is Sport Psychology?* Symposium at the combined conference of the Association for the Advancement of Applied Sport Psychology, and the Canadian Society for Psychomotor Learning and Sport Psychology, Montreal, Canada.
- Scanlan, T.K. (1994, June). *Project on Elite Athlete Commitment: To practice, practice, practice they gotta wanna, wanna, wanna!* Paper presented at the Research on Experts: The Paradigmatic Link between Sport Psychology and Motor Learning symposium at the North America Society for the Psychology of Sport and Physical Activity, Clearwater Beach, Florida.
- Scanlan, T.K. (1994, August). *Visions for youth sport research and outreach*. Lecture presented at the Institute for the Study of Youth Sport, Michigan State University, East Lansing, Michigan.
- Scanlan, T.K. (1994, October). *"Excelling" into the future*. Presidential address presented at the Association for the Advancement of Applied Sport Psychology, Lake Tahoe, Nevada.
- Scanlan, T.K. (1996, March). *Pushing the commitment button*. Speaker for the Chancellor's Dinner opening The Best of UCLA Program, Los Angeles, California.
- Scanlan, T.K. (1997, April). *Commitment to sport and beyond*. Distinguished Alumni Award address presented for the Kinesiology Centennial Lecture Series, University of Illinois, Urbana-Champaign, Illinois.
- Scanlan, T.K. (1997, May). *The development of talent in girls and women*. Dinner address presented at the Women in Philanthropy Executive Board Meeting, UCLA, Los Angeles, California.
- Scanlan, T.K. (1997, May). *Introducing the International Center for Talent Development*. Lecture presented at the Developmental Psychology Area Seminar, UCLA, Los Angeles, California.

- Scanlan, T.K. (1997, May). *Creating commitment*. Lecture presented at a special conference on Urban Youth Sports: Promoting Healthy Development. Co-sponsored by the Robert Wood Johnson Foundation and the Center for the Study of Sport in Society, Northeastern University. Park Plaza Hotel, Boston, Massachusetts.
- Scanlan, T.K. (1997, July). *Enjoyment: A key ingredient to the development of talent*. Keynote address presented at the conference on, Enhancing Children's Potential: Minimizing Risks and Maximizing Resiliency. Sponsored by the Children's Issues Centre, University of Otago, Dunedin, New Zealand.
- Scanlan, T.K. (1997, October). *Using interviews to test and expand a theoretical model*. Lecture presented at the Social Psychology Area Colloquium Series, UCLA, Los Angeles, California.
- Scanlan, T.K. (1998, July). *The medicine and psychology team: A "paradocs" working together*. Keynote address presented at the Symposium on the Olympic Athlete, sponsored by The University of New South Wales Sports Medicine Programs and the Centre for Olympic Studies under the auspices of the UCLA-UNSW Program of Academic Cooperation, International Studies and Overseas Programs, Sydney, Australia.
- Scanlan, T.K. (1998, July). *Motivation over the long haul*. Keynote address presented at the Symposium on the Olympic Athlete, sponsored by The University of New South Wales Sports Medicine Programs and the Centre for Olympic Studies under the auspices of the UCLA-UNSW Program of Academic Cooperation, International Studies and Overseas Programs, Sydney, Australia.
- Scanlan, T.K. (1998, July). *The fighting spirit and associated peak performance factors*. Roundtable discussion at the Symposium on the Olympic Athlete, sponsored by The University of New South Wales Sports Medicine Programs and the Centre for Olympic Studies under the auspices of the UCLA-UNSW Program of Academic Cooperation, International Studies and Overseas Programs, Sydney, Australia.
- Scanlan, T.K. (1998, July). *The International Center for Talent Development*. Lecture presented to the Faculty of Human Movement, Victoria University of Technology under the auspices of the UCLA-VUT Program of Academic Cooperation, International Studies and Overseas Programs, Melbourne, Australia.
- Scanlan, T.K. (1998, July). *The International Center for Talent Development*. Lecture presented to the Faculty of Human Movement Sciences, Royal Melbourne Institute of Technology under the auspices of the UCLA-RMIT Program of Academic Cooperation, International Studies and Overseas Programs, Melbourne, Australia.
- Scanlan, T.K. (1999, February). *Terms of engagement*. Presentation to the MacArthur Research Network on Successful Pathways through Middle Childhood, New Orleans, Louisiana.
- Scanlan, T.K. (1999, April). *Commitment: Motivation over the long haul*. Lecture presented at the Applied Human Development Colloquium Series hosted by Psychological Studies in the Education Division of the Graduate School of Education and Information Studies, UCLA, Los Angeles, California.

Presentations as the Australian Distinguished International Scholar in Sport Psychology, August 1999

- Scanlan, T.K. (1999, August). *An interview to capture athletes' commitment*. Live interview demonstration with Olympic male bobsledder conducted at the University of Queensland, Brisbane, Australia.
- Scanlan, T.K. (1999, August). *The New Zealand All Blacks: What they have taught us about commitment*. Lecture presented at the University of Southern Queensland, Toowoomba Australia.
- Scanlan, T.K. (1999, August). *Commitment: Serious fun*. Lecture presented at Queensland University of Technology, Brisbane, Australia.
- Scanlan, T.K. (1999, August). *The New Zealand All Blacks: What they have taught us about commitment*. Lecture presented at Victoria University, Melbourne, Australia.
- Scanlan, T.K. (1999, August). *Commitment: Serious fun*. Lecture presented at La Trobe University, Melbourne, Australia.
- Scanlan, T.K. (1999, August). *Commitment : Serious fun*. Lecture presented at the Australian Catholic University, Melbourne, Australia.
- Scanlan, T.K. (1999, August). *An Interview to capture athletes' commitment*. Live interview demonstration with pre-Olympic level male rower conducted at the Australian Catholic University, Melbourne, Australia.
- Scanlan, T.K. (1999, August). *Commitment: Serious fun*. Lecture presented at the Victoria Sport Sciences Association, Melbourne, Australia.
- Scanlan, T.K. (1999, August). *An interview to capture athletes' commitment*. Lecture presented at the South Australian Sports Institute, Adelaide, Australia.
- Scanlan, T.K. (1999, August). *Commitment: Serious fun*. Lecture presented at the South Australian Sports Institute, Adelaide, Australia.
- Scanlan, T.K. (1999, August). *A new interview design to test and expand theory*. Lecture presented at the Flinders University, Adelaide, Australia.
- Scanlan, T.K. (1999, August). *An interview to capture athletes' commitment*. Live interview demonstration with Olympic woman field hockey player conducted at the South Australian Sports Institute, Adelaide, Australia.
- Scanlan, T.K. (1999, August). *Commitment: Serious fun*. Lecture presented at the University of Western Australia, Perth, Australia.
- Scanlan, T.K. (1999, August). *The New Zealand All Blacks: What they have taught us about commitment*. Lecture presented at the Western Australia Sport's Institute, Perth, Australia.
- Scanlan, T.K. (1999, August). *Commitment: Serious fun*. Lecture presented at the University of Canberra, Canberra, Australia.
- Scanlan, T.K. (1999, August). *A new interview design to test and expand the Sport Commitment Model*. Lecture presented for the Australian Institute of Sport & University of Canberra, Canberra, Australia.
- Scanlan, T.K. (1999, August). *Sources of elite athletes' commitment*. Lecture presented for the Australian Institute of Sport & University of Canberra, Canberra, Australia.
- Scanlan, T.K. (1999, August). *The New Zealand All Blacks: What they have taught us about commitment*. Lecture presented at the University of Sydney, Sydney, Australia.
- Scanlan, T.K. (1999, August). *The New Zealand All Blacks: What they have taught us about commitment*. Lecture presented at the University of Technology Sydney, Sydney, Australia.
- Scanlan, T.K. (1999, August). *Commitment: Serious fun*. Lecture presented at the University of Technology Sydney, Sydney, Australia.

Scanlan, T.K. (1999, August). *A new interview design to test and expand the Sport Commitment Model*. Lecture presented at the University of Western Sydney, Sydney, Australia.

Scanlan, T.K. (1999, August). *An interview to capture athletes' commitment*. Live interview demonstration with pre-Olympic level male runner conducted at the University of Western Sydney, Sydney, Australia.

Invited Presentations (Cont.)

Scanlan, T.K. (1999, November). *The New Zealand All Blacks: What they have taught us about commitment*. Address for the school of Human Kinetics Millennium Speaker Series, University of British Columbia, Vancouver, Canada.

Scanlan, T.K. (2001, April). *What creates commitment to sport and other talent domains*. 2001 Mary and Butch Slaughter Lecture, University of Virginia, Charlottesville, Virginia.

Scanlan, T.K. (2001, August). *What creates commitment to sport and other talent domains*. 2001 Steven R. Heyman Memorial Lecture, American Psychological Association, San Francisco, California.

Scanlan, T.K. (2002, April). *Developing talent*. Paper presented at the Southern California Positive Psychology Conference, Claremont Graduate University, Claremont, California.

Scanlan, T.K. (2002, April). *Serious fun*. Paper presented at the Southern California Positive Psychology Conference, Claremont Graduate University, Claremont, California.

Scanlan, T.K. & Scanlan, L.A. (2003, November). *Using the Scanlan Collaborative Interview Method*. Seminar at the Institute for Research on Women and Gender, University of Michigan, Ann Arbor, Michigan.

Scanlan, T.K. (2007, June). *Growing our science through mixed- methods research*. Senior Lecturer in Sport Psychology Address at the North American Society for the Psychology of Sport and Physical Activity, San Diego, CA.

Scanlan, T.K. (2009, November). *Demonstration and discussion of the Collaborative Interview Method*. Presented at the Developmental Psychology Seminar, University of California, Irvine, CA.

Scanlan, T.K. (2010, June). *The development of the Sport Commitment Model: Theoretical, Methodological, and Applied Issues*. Keynote address presented at the XII Congreso Nacional de Psicología de la Actividad Física y el Deporte, Universidad Autónoma de Madrid, Madrid, Spain. (Largest Sport Psychology conference in Spain).

Sousa, C., Scanlan, T.K., Cruz, J., Garcia-Mas, A. (2010, July). *Investigación transcultural en Psicología del Deporte (Cross-cultural studies in Sport Psychology)*. Symposium presented at the VII Congreso Iberoamericano de Psicología, Oviedo, Spain. (Major Psychology conference).

Burton, D., Gould, D., Scanlan, T., and Williams, J. (2010, September). *Proposed Future Directions of AASP*. Presentation by the Future Directions Committee at the Association for Applied Sport Psychology, Providence, RI.

Scanlan, T.K., (2011, April). *Sport Commitment: Integrating science and practice*. Keynote address presented at the National Academy of Sport and Physical Education. San Diego, CA.

Scanlan, T.K., Blackadder, T., McCann, S., Chu, M., Gould, D., Chow, G. (2011, September). *Getting into the hearts and minds of athletes: A demonstration interview with an All Black rugby great*. Invited Scientist-Practitioner Demonstration with research and applied reactions. Association for Applied Sport Psychology, Honolulu, Hawaii.