# Professional Practice in Sport Psychology

A review

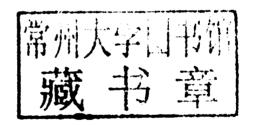
Edited by Sheldon Hanton and Stephen D. Mellalieu



## Professional Practice in Sport Psychology

A review

Edited by Sheldon Hanton and Stephen D. Mellalieu





First published 2012 by Routledge 2 Park Square, Milton Park, Abingdon, Oxon OX14 4RN

Simultaneously published in the USA and Canada by Routledge 711 Third Avenue, New York, NY 10017 (8th Floor)

Routledge is an imprint of the Taylor & Francis Group, an informa business

© 2012 for selection and editorial material Sheldon Hanton and Stephen D. Mellalieu; individual chapters, the contributors

The right of the editors to be identified as the author of the editorial material, and of the authors for their individual chapters, has been asserted in accordance with sections 77 and 78 of the Copyright, Designs and Patents Act 1988.

All rights reserved. No part of this book may be reprinted or reproduced or utilised in any form or by any electronic, mechanical, or other means, now known or hereafter invented, including photocopying and recording, or in any information storage or retrieval system, without permission in writing from the publishers.

*Trademark notice*: Product or corporate names may be trademarks or registered trademarks, and are used only for identification and explanation without intent to infringe.

British Library Cataloguing in Publication Data
A catalogue record for this book is available from the British Library

Library of Congress Cataloging in Publication Data
Professional practice in sport psychology: a review / edited by
Sheldon Hanton and Stephen D. Mellalieu.

p. cm.

1. Sports psychologists. 2. Sports–Psychological aspects. I. Hanton, Sheldon. II. Mellalieu, Stephen D. (Stephen David) GV706.4.P638 2012 796.01–dc23

2011022370

ISBN: 978-0-415-57996-4 (hbk) ISBN: 978-0-203-85133-3 (ebk)

Typeset in Baskerville by Wearset Ltd, Boldon, Tyne and Wear

## Professional Practice in Sport Psychology

Sport psychologists working with athletes, teams and sports performers are only as effective as their professional techniques and competencies will allow. This is the first book to offer a detailed and critical appraisal of the conceptual foundations of contemporary professional practice in sport psychology. The book presents a series of reviews of the most up-to-date academic and professional literature on professional practice, exploring issues that all psychologists face when working with clients in sport, and offers important evidence-based recommendations for best practice. Key topics covered include:

- models of practice and service delivery
- counselling and clinical intervention
- working with teams
- working with young performers
- providing life skills training
- managing career transitions
- · working with special populations
- enhancing coach–athlete relations.

With contributions from leading sport psychology consultants in the UK, the US, Canada, Australia and continental Europe, this is a comprehensive and thought-provoking resource that bridges the gap between research and application. It is vital reading for all advanced students, researchers and professionals working in sport psychology.

**Sheldon Hanton** is a Professor of Sport Psychology in the Cardiff School of Sport at the University of Wales Institute, Cardiff. He has published over 200 peerreviewed journal articles, edited texts, book chapters and refereed conference papers. He is also the Professional Practice Editor of *The Sport Psychologist*, on the Advisory Board for the *Journal of Sports Sciences* and on the editorial board for the *Journal of Applied Sport Psychology*, the *Journal of Imagery Research in Sport* and *Physical Activity and Qualitative Research in Sport and Exercise*.

**Stephen D. Mellalieu** is a Senior Lecturer in Applied Sport Psychology in the Department of Sports Science at Swansea University, where he is Director of Postgraduate Studies. He has published over 50 research papers and is currently Associate Editor of the *Journal of Applied Sport Psychology*, a member of the editorial board of *The Sport Psychologist* and regularly reviews for a number of journals in the field of sport psychology.

## **Biographies**

#### **Editors**

Sheldon Hanton, PhD is a Professor of Sport Psychology in the Cardiff School of Sport at the University of Wales Institute, Cardiff (UWIC). He received his PhD in 1996 from Loughborough University, and is currently the Director of Research for his institution. Sheldon is the Professional Practice Editor of The Sport Psychologist, on the Advisory Board for the Journal of Sports Sciences, and on the Editorial Board for the Journal of Applied Sport Psychology, the Journal of Imagery Research in Sport and Physical Activity and Qualitative Research in Sport and Exercise. He is also a member of the Economic and Social Research Council's Peer Review College. Professor Hanton lists his interests as stress and anxiety, mental toughness, organisational psychology, sports injury and reflective practice. Sheldon has published over 200 peer-reviewed journal articles, edited texts, book chapters and refereed conference papers. He has advised on 12 PhD completions, examined internationally, and is currently supervising nine Doctoral candidates. Sheldon is an Accredited Sport Scientist with the British Association of Sport and Exercise Sciences, a Registered Olympic Psychologist, and a Certified Consultant and Fellow with the Association for Applied Sport Psychology. He is also a Chartered Psychologist with the British Psychological Society and Registered with the United States Olympic Committee. Sheldon regularly works with elite populations on psychological preparation, and supervises trainee sport psychologists to attain professional status. As a former National High Performance Centre Psychologist, he advised the England Swim Team and consulted at international training camps and competitions.

Stephen D. Mellalieu, PhD is a Senior Lecturer in Applied Sport Psychology in the Department of Sports Science at Swansea University, where he is Director of Postgraduate Studies. He received his PhD in 2000 from the University of Gloucestershire, and has since published over 50 research papers in a wide range of international sport and social psychology journals and texts, together with the supervision of over ten postgraduate

research students. His current research interests lie in the areas of stress and performance, psychological skills training, and the organisational environment of elite sport. He is currently Associate Editor of the Journal of Applied Sport Psychology, a member of the Editorial Board of The Short Psychologist, and regularly reviews for a number of journals in the field of sport psychology. Stephen is a Chartered Sport and Exercise Psychologist with the British Psychological Society, and a nationally accredited sport and exercise psychologist with the British Association of Sport and Exercise Sciences. He has consultancy experience in a number of Olympic and professional sports, particularly in rugby union, having been a former junior international rugby union player and Director of Coaching for Swansea University RFC. When he is not working, Stephen enjoys spending time with his family and taking part in outdoor pursuits. including surfing, open-water swimming and cycling.

#### Contributors

Mark B. Andersen, PhD has been a chartered (licensed, registered) practising psychologist for over 20 years, and is a Professor at Victoria University in Melbourne, Australia. He is also a member of the Institute for Sport. Exercise and Active Living. His areas of research interest include the psychology of injury and rehabilitation, the role of exercise in mental health and quality of life, and the practice and supervision of sport psychology service delivery. He has published six edited/authored books, and more than 140 refereed journal articles and book chapters. He is one of the world's experts in the supervision and training of applied sport psychologists. He has been an invited keynote speaker at 14 different professional conferences on four continents. He is one of the few sport psychologists who blends cognitive-behavioural theory, psychodynamic practice and Buddhist philosophy in teaching his students and in working with his clients. Besides his academic duties, he has a small psychotherapy practice in St Kilda, a beach suburb of Melbourne.

Richard Anderson, MSc is a former student within the School of Sport, Exercise, and Health Sciences at Loughborough University. He graduated with a BSc in Sport and Exercise Science in 2007 and gained an MSc in Sport and Exercise Psychology in 2009. Richard is an UEFA A-licence football coach who has worked at several football clubs at youth, university and senior levels. As a tutor on the Football Association's psychology development courses for coaches, he has interest in the application of psychological skills into team environments through the work of the coach.

Mark W. Aoyagi, PhD is Director of Sport and Performance Psychology and Assistant Professor at the University of Denver. Mark is a recognised sport psychology consultant and has worked with several Division I athletic

#### x Biographies

departments as well as professional and Olympic individual athletes. He is a licensed psychologist in the state of Colorado, a Certified Consultant, AASP (Association of Applied Sport Psychology), and is listed in the USOC Sport Psychology Registry. His areas of expertise include peak performance, team effectiveness, and sport as a mechanism for personal growth and social change. Mark is active in several professional organisations, including the American Psychological Association and the Association for Applied Sport Psychology, and has publications and national conference presentations on the topics of sport psychology, team effectiveness, and ethics among others.

Brendan Cropley, PhD is a Lecturer in Coaching Science and Sport Psychology at the University of Wales Institute, Cardiff (UWIC). Having received his PhD from UWIC in 2010 in the area of reflective practice and consultant effectiveness, his current research interests include reflective practice, professional training and development, and the psychology of sports coaching. Brendan gained accreditation as a Sport and Exercise Scientist (sport psychology) from the British Association of Sport and Exercise Sciences (BASES) in 2007, and has since provided a range of support to a variety of both elite and non-elite individual and team sport participants, teams, sports coaches and sports officials. Brendan has also provided supervision to three BASES supervised experience candidates, and is involved in the delivery of professional development workshops focusing on reflective practice for UK Sport and BASES.

Lynne Evans, PhD is a Reader in Sport Psychology and Course Director of the MSc in Sport/Applied Sport Psychology at the University of Wales Institute, Cardiff (UWIC). Lynne's primary area of research is the psychology of sport injuries, which includes both pre-injury (prediction of injury occurrence) and post-injury (athletes' responses to injury) phases. She has published widely in this area. Her teaching complements her research and her professional practice activity incorporating injury, psychological skills, consultant effectiveness, and professional practice issues. Lynne is a British Olympic Association Registered Sport Psychologist, a British Association of Sport and Exercise Sciences Accredited Sport Scientist, and Chartered through the British Psychological Society. In a consultancy capacity, she works with elite sport teams and individual coaches, sports medicine personnel and performers in the areas of performance enhancement and injury.

**Kate Goodger**, PhD is a full-time applied sport and exercise psychologist with the English Institute of Sport (EIS). As an institute psychologist, she is a member of the GB Canoeing sport medicine and sport science team working with athletes and coaches towards the London 2012 Olympics. Kate also supports the British Olympic Association in a

programme developed to assist Olympic sports in their preparations for competing at a home Games. She received her PhD from Loughborough University in 2007, and has research interests in burnout, applied sport psychology and organisational stress. She is a member of the British Psychological Society and is a Chartered Sport and Exercise Psychologist.

Chris Harwood, PhD is a Reader in Applied Sport Psychology within the School of Sport, Exercise, and Health Sciences at Loughborough University. His personal research and teaching interests lie in the area of achievement motivation, optimal performance and talent development environments, and educational consulting, with a particular focus on social psychological issues in youth sport. He has published extensively within these areas in applied sport psychology, and is currently an Associate Editor for the Journal of Applied Sport Psychology. Chris is a British Association of Sport and Exercise Sciences High Performance Sport Accredited Practitioner, British Psychological Society Chartered and Health Practitioner Council Registered Sport Psychologist whose areas of consultancy extend to youth and senior athletes, coaches, and parents across variety of team and individual sport organisations. He currently serves as Lead Sport Psychologist for the Lawn Tennis Association.

Nicholas L. Holt, PhD is an Associate Professor in the Faculty of Physical Education and Recreation at the University of Alberta, where he directs the Child and Adolescent Sport and Activity (CASA) lab. Research conducted in the CASA lab focuses on psychosocial aspects of youth sport and physical activity, with a particular focus on peer and parent interactions. He has published over 70 articles/book chapters and edited two books. He currently holds grants from the Social Sciences and Humanities Research Council of Canada and the Canadian Institutes of Health Research to investigate ways in which youth sport can be provided to promote positive development among youth from low-income communities. He was Associate Editor of The Sport Psychologist from 2007 to 2011, and is a Certified Consultant with the Association for Applied Sport Psychology. He primarily provides sport psychology consulting services to young athletes, sports clubs, and sport governing bodies.

Martin I. Jones, PhD is a Senior Lecturer in sport psychology in the faculty of applied sciences at the University of Gloucestershire. Martin received his MSc and PhD from Loughborough University, and completed a postdoctoral research fellowship at the University of Alberta, Canada. Martin's research interests are focused on positive youth development through sport, particularly the development of life skills. Martin has written and co-authored several peer-reviewed articles and book chapters, and has presented research findings at international conferences and professional meetings. In addition to his research interests, Martin is a British Association of Sport and Exercise Sciences accredited sport scientist and tennis coach, and has consulted with a variety of athletes, coaches and national governing bodies in Canada and the UK.

Sophia Jowett, PhD is a Reader in Psychology in the School of Sport, Exercise, and Health Sciences at Loughborough University. She received her PhD from the University of Exeter in 2001. Her main research revolves around the affective, cognitive and behavioural aspects of interpersonal relationships. Her research has been funded by the Economic and Social Research Council, the British Academy, the Nuffield Foundation, the GB Sasakawa Foundation, the Hellenic Olympic Committee and the Hellenic Ministry of Culture and Sport. She is Section Editor of the *International Journal of Sport and Exercise Psychology*, and is on the Editorial Board of several other leading journals in the field. A chartered sport psychologist and an associate fellow of the British Psychological Society, Dr Jowett has authored over 60 peer-reviewed journal articles and 110 conference papers focused on interpersonal relationships in the sport domain and the psychosocial aspects of sport coaching.

Göran Kenttä, PhD earned his doctorate in psychology at Stockholm University in 2001. He has a passion to build bridges between the domains of sport psychology research, education and applied work in elite sports. The majority of his research and publications has focused on elite-level athletes and the training process with a stress–recovery perspective. He has an extensive coaching background with various national and club teams in flat water sprint kayaking. Over the years Göran has been involved with both the Swedish Olympic Committees and the Swedish National Sport Federation (NGB), and several Olympic sports, in order to develop strategies for sport psychological support for the elite athletes and coaches. Göran currently holds a research position in Stockholm at The Swedish School of Sport and Health Sciences, and is a director of the Coach Education Program at the university; he is also the past president of the Swedish Sport Psychological Association.

Camilla J. Knight is a PhD student in the Faculty of Physical Education and Recreation at the University of Alberta. She is completing her PhD under the supervision of Dr Nicholas Holt in the Child and Adolescent Sport and Activity (CASA) Research Laboratory. Her research interests are concerned with the psychosocial experiences of children in sport, particularly focused upon the influence of parents. Recent studies have examined athletes' preferences for parental behaviours at youth sport competitions, coaches' perceptions of parental involvement in youth sport, and understanding the experiences of parents involved in youth sport. Camilla has produced a number of parent education materials, including parental dos and don'ts lists, a parental behaviour leaflet,

and presentations. She has also consulted with various tennis organisations in Canada and the UK, providing recommendations for improving parental involvement in junior tennis.

Ronnie Lidor, PhD is a Professor of Motor Behaviour and is the Director of the Zinman College of Physical Education and Sport Sciences at the Wingate Institute (Israel). His main areas of research are cognitive and learning strategies, talent detection and early development in sport, and sport development. Dr Lidor has published over 100 articles in peer-reviewed scientific journals, in addition to book chapters and proceedings chapters in English and Hebrew. He is the Senior Editor of several books, among them Sport Psychology: Linking Theory and Practice (1999) and The Psychology of Team Sports (2003). As a former basketball coach. Dr Lidor has provided psychological consultation to young and adult elite basketball players. His main focus was on attentional techniques used before the execution of free-throw shots.

Jeffrey J. Martin, PhD is a full Professor at Wayne State University in Detroit, Michigan where he has been for the past 20 years. He obtained his PhD in exercise and sport psychology in 1992 at the University of North Carolina at Greensboro. He has published over 95 research articles and book chapters. His major research agenda has been on the psychosocial aspects of disability sport and physical activity, as well as understanding physical activity engagement among minority inner-city children. He has received over \$8 million in federal and foundation funding to support his and his colleagues' research programs. He is currently the Editor for Sport, Exercise, and Performance Psychology, the official journal of Division 47 of the APA, and was recently inducted into the National Academy of Kinesiology. A Canadian citizen and former professional athlete, Dr. Martin represented Canada in the 1985 and 1987 World Cup Marathons.

Artur Poczwardowski, PhD is an Associate Professor at the University of Denver. Since 1991, Artur has consulted with athletes and teams from numerous sports (e.g. tennis, golf, hockey, judo, squash, team handball, soccer, track and field, diving, rowing, speed skating). He is a Certified Consultant, AASP (Association of Applied Sport Psychology), and is listed in the USOC Sport Psychology Registry. Artur has over 25 publications (in professional journals and as book chapters). He has delivered over 60 professional presentations at national and international levels, and over 25 invited and educational lectures and workshops. His publications and professional presentations focus on sport psychology practice for performance enhancement and psychological well-being, coach-athlete relationships, and coping strategies in elite performers. He served as an Associate Editor for The Sport Psychologist (2004–2006). and currently serves on its Editorial Board.

Daniel J. A. Rhind, PhD is a Lecturer in Sport Psychology and Research Methods at Brunel University. He is a Chartered Psychologist, and received his PhD in 2008 from Loughborough University. Daniel's research focuses on the development and maintenance of effective relationships in sport that enhance the psychological well-being and performance of athletes, coaches and referees. He recently published an edited book entitled *Elite Child Athlete Welfare* (Brackenridge and Rhind, 2010, Brunel University Press). Daniel has worked on projects for the Football Association, the Child Protection in Sport Unit and the British Judo Association. He also works as a consultant in elite sport for people with a disability, primarily with those who are blind or visually impaired.

Natalia B. Stambulova, PhD is a Professor of Sport and Exercise Psychology in the School of Social and Health Sciences at Halmstad University, Sweden. Her professional experiences in sport psychology include her work for about three decades as a teacher, researcher and practitioner in the Soviet Union/Russia and, since 2001, in Sweden. Her research and over 100 publications relate mainly to the athletic career topic, with an emphasis on athletes' career transitions and crises. Her particular specialisation in applied work is assisting athletes and coaches to deal with various career/lifestyle issues, and especially with career transitions and crises. She was a keynote speaker at the European Congress of Sport Psychology in 2007. In 2004, she received a Distinguished International Scholar Award of the Association of Applied Sport Psychology.

David Tod, PhD completed his doctorate from Victoria University, Melbourne, Australia under the supervision of Professor Mark Andersen. He currently lectures in the Department of Sport and Exercise Science at Aberystwyth University, Wales. David's research is focused on the professional development and training of applied sport psychologists, and the psychological factors involved in strength and conditioning. David is on the Editorial Boards of *Qualitative Research in Sport and Exercise, Sport and Exercise Psychology Review*, and *The Sport and Exercise Scientist*. Prior to completing his PhD David worked for eight years at the Waikato Institute of Technology (New Zealand), where he offered psychological services to athletes from various sports, including rugby union, rugby league, powerlifting and bodybuilding.

Ross Wadey, PhD is a Lecturer in Sport and Exercise Psychology and the Programme Coordinator of the BSc in Sport Psychology at Roehampton University. He received his PhD from the University of Wales Institute, Cardiff (UWIC), which examined the personality trait of hardiness throughout the sport injury process. Ross's research focuses on the psychology of sport injury and the psychology of sporting excellence. His work provides insights on how to reduce the risk of injury occurrence, attain sport injury rehabilitation outcomes, transform

potentially debilitating experiences into opportunities for growth and development, and deliver sustainable performance and ultimately thrive in stressful situations. Ross is a British Psychological Society Chartered Psychologist, and consults with national and international ablebodied and disabled performers from a variety of sports.

Gal Ziv, MPE is a doctoral student at the University of Haifa - Faculty of Education (Israel). His doctoral research involves attentional focusing. gaze behaviour, and the learning of closed, self-paced motor skills. Gal's research interests involve the effects of cognition, attention and gaze on sport performance, physical and physiological demands of beginner and skilled athletes, and the use of tests in early phases of talent development. Gal has published 12 scientific papers in peer-reviewed iournals.

#### Reviewers

- Megan Babkes Stellino, EdD. Professor in Exercise Science, College of Natural and Health Sciences: Sport and Exercise Science, University of Northern Colorado, USA.
- **Katherine Bond**, PhD. Principal Lecturer in Sport and Exercise Psychology, Department of Sport and Exercise Sciences, University of Chichester, UK.
- Sam Carr, PhD. Lecturer, Department of Education, University of Bath, UK.
- **Alexander Cohen**, PhD. Sport Psychology Program Chair, Argosy University, Atlanta, USA.
- **Jean Cote**, PhD. Professor and Director, School of Kinesiology and Health Studies, Queen's University, Canada.
- **Tim Holder**, PhD. Reader in Applied Sport Psychology, School of Human Sciences, St Mary's University College, Twickenham, UK.
- **Zoe Knowles**, PhD. Senior Lecturer in Sport and Exercise Psychology, School of Sport and Exercise Sciences, Liverpool John Moores University, UK.
- Larry Lauer, PhD. Director of Coaching Education and Development, Institute for the Study of Youth Sports, Michigan State University, USA.
- **David Lavallee**, PhD. Professor and Head of School of Sport, University of Stirling, UK.
- Chris Lonsdale, PhD. Senior Lecturer in Sport and Exercise Psychology, School of Biomedical and Health Sciences, University of Western Sydney, Australia.
- **Meghan McDonough**, PhD. Assistant Professor in Sport and Exercise Psychology, Department of Health and Kinesiology, Purdue University, USA.
- **Sunghee Park**, MSc. Researcher in Applied Sport Psychology, School of Sport, University of Stirling, UK.

### Acknowledgements

We are very grateful to all the authors for their contributions to this book. We appreciate the task was challenging, and we hope you are as pleased with the result as we are – thank you. We are also greatly indebted to all the reviewers who gave up their time to provide comprehensive and insightful feedback on each of the respective chapters. Our appreciation is extended to Routledge for working with us once more, and specifically to all the staff at the Sport and Leisure Section of Routledge Publishing.

Lastly, we would like to give a special mention to our respective families for their ongoing love and support throughout the production of another book and our professional careers in general.

## **Contents**

	List of illustrations Biographies	vii viii
	Reviewers	xvi
	Acknowledgements	xvii
	Introduction	1
1	Models of sport psychology practice and delivery: a review MARK W. AOYAGI AND ARTUR POCZWARDOWSKI	5
2	Working with young athletes CAMILLA J. KNIGHT AND NICHOLAS L. HOLT	31
3	Psychological perspectives on athletes with physical disabilities JEFFREY J. MARTIN	54
4	Professional practice issues when working with team sports CHRIS HARWOOD AND RICHARD ANDERSON	79
5	Working with injured athletes: research and practice ROSS WADEY AND LYNNE EVANS	107
6	Professional practice issues in athlete burnout KATE GOODGER AND GÖRAN KENTTÄ	133
7	Working with athletes in career transitions NATALIA B. STAMBULOVA	165
8	Psychological preparation in early phases of talent development in sport RONNIE LIDOR AND GAL ZIV	195

vi	Contents	
9	Working with coach–athlete relationships: their quality and maintenance DANIEL J. A. RHIND AND SOPHIA JOWETT	219
10	Developing life skills in athletes	249
	MARTIN I. JONES	
11	Practitioner-client relationships in applied sport psychology practice DAVID TOD AND MARK B. ANDERSEN	273
12	Reflective practice: key issues for applied sport psychologists	307
	BRENDAN CROPLEY AND SHELDON HANTON	
	Index	336

## Illustrations

riguics			
1.1	Hierarchical categorisation of abstraction levels in sport psychology professional philosophy: combination of conceptualisations by Poczwardowski <i>et al.</i> (2004) and		
	Prochaska and Norcross (2010)	8	
4.1	Perceived barriers to sport psychology consulting in		
	professional football (Pain and Harwood, 2004)	82	
4.2	A holistic and integrated approach to elite cricketer		
	development (Gordon, 1990)	85	
7.1	The conceptual model for assistance in career transitions		
	(ACT model)	178	
9.1	The COMPASS model of relationship maintenance in the		
	coach-athlete relationship	231	
Tal	bles		
1.1	Summary of models by category	9	
	Sample items in the long version of the Coach–Athlete		
	Relationship Questionnaire (CART-Q)	225	
9.2	Items from the Coach-Athlete Relationship Maintenance		
	Questionnaire (CARM-Q)	232	