

Research Annual Monitoring Report 2008/09

- **General overview**

For 2008/2009, there continues to be an increased level of research outcomes (see Appendix 2) as well as some research initiatives to encourage staff to pursue further research. The ISES has agreed to devote several research days for 2009/2010 and research retreats for staff to have valued research time. There is also ongoing MPhil and PhD research being undertaken by both staff (see below) and students (see Appendix 1)

ISES has agreed to a research vision, which is consistently being implemented and monitored. The ISES has also established a shared position for the Research Coordinator, with three staff now overseeing research. In addition, one of the research coordination team is now a co-opted member of the Senior Management Team.

The ISES staff is also heavily involved in conference presentations (see Appendix 3) and attendances to further disseminate research.

There have been many successful bids for both research (see below) and consultancy (see Appendix 4) projects for the ISES.

- **Record of publications**

The complete list of publications can be seen in appendix 2.

28 publications consisting of 3 books, 10 book chapters, 12 refereed articles, 3 journal articles in press, and 1 conference proceedings, by 21 staff.

- **Details of conference presentations**

The complete list of conference research presentations can be seen in appendix 3.

Six invited speaker/keynote/session chair roles were performed by three staff from the School. 34 further presentations were delivered at national/international conferences with 27 staff and students as authors and many of them in the form of collaboration with internal, national and international colleagues. Five poster presentations were made and 1 article was published on Conference Proceedings.

Details of income received for research (Consultancy in Appendix 4)

£2000 December 2008, The following national research funding was secured in 2008/9:

Stage 1 UoW KT grant awarded for "Misura Bike Fitting Service, Dr Mark Corbett

£5,895 June 2009 - *Evaluation of the Physical Activity Network for the West Midlands.* Commission from the Physical Activity Network for the West Midlands. Prof D Upton (Institute of Health & Society), P Upton (Institute of Health & Society) & **Dr Derek Peters.**

£79,835 April 2009 - *Regional Evaluation of Weight Management Programmes for Children and Adults:* Commissioned by Birmingham Women's NHS Foundation Trust. Prof D Upton (Institute

of Health & Society), P Upton (Institute of Health & Society), **Dr Derek Peters** & J Bold (Institute of Health & Society).

£55,000 Feb 2009 – *Evaluation of the ‘Let’s Go Outside’ programme: Dudley’s Healthy Town Status.* **Dr Derek M Peters** & Dr C Jones (Institute of Science & the Environment).

£60,000 over 3 years, Dec 2008 – University of Worcester & University of Coventry collaborative PhD studentship: *The physiological and biomechanical demands of ‘Event riding’ and the development of rider strength and conditioning programmes.* **Dr Derek M Peters**, Dr M Price (Coventry University), **Dr M Corbett** & Dr R James (Coventry University)

£2,000 Sept 2008 – Institute of Sport & Exercise Science Learning & Teaching Research Grant: *An evaluation of student and staff perceptions of the use of audio files for feedback on student assessments.* **Dr Derek M Peters, Dr G Molnar, Dr G Adamson, Dr C Rhoden & C Edwards.**

£10,000 Sept 2008 – Fellowship of the National Teaching Fellowship Scheme award from the Higher Education Academy, **Dr Derek Peters.**

Unsuccessful:

£200,000 Sept 2008 - NTFS Projects 2008-09 Stage One Project Bid. *The Online Community of Student Research in Sport & Exercise Sciences.*

Postgraduate Research Programme activity

Completed PhD students from ISES staff supervising PhDs:

Carla Solvason
Rachel Wright

Full-time IESS Postgraduate Research students being supervised by ISES staff:

Adam Stevenson
Jenni-Louise Johnson
Richard Medcalf
Ashley Routen

Part-time Postgraduate Research students being supervised by ISES staff:

MPhil:
Lucy Holmes

MPhil/PhD
Adam Benkwitz
Susie Hart
Gareth Jones
Scott Buckler
Julia West

PhD
Ruan Jones
Dinant Roode
Charlotte Wharton

IESS Staff who completed Postgraduate study:

Mrs Lerverne Barber, MSc
Mr Christian Edwards, MSc
Dr Mark Piekarz, PhD

Supervision of postgraduate research students at other HEI's:

Jason Martin, UB (FT)- **C Hughes & Dr Derek M Peters.**

Dinant Roode, Groningen (PT), **Dr Gyozo Molnar , Dr Lynn Kidman**

Charlotte Wharton, Newport FE – **Dr Lynn Kidman**

Supervision of postgraduate research students of other UW Departments:

Scott Buckler (PT) - **Dr P Castle, Dr Derek M Peters** & Prof P Robinson.

Helen Watts (FT) - Dr J Francis-Smythe (WBS), Prof D Upton (IHS) & **Dr Derek Peters.**

Erica Thomas (FT) - Prof D Upton (IHS), Dr V Mason (IHS) & **Dr Derek Peters.**

Number of staff supervising:

Five staff from the Institute are DoS for PhD students. A further three staff are involved in supervision.

Four staff from other UK and International HEI are also involved in the supervisions of UW students.

Staff undertaking part-time postgraduate research degrees at University of Worcester:

Ruan Jones, PhD

Julia West, MPhil/PhD

Kerry WhiteHouse, MEd

Staff undertaking part-time postgraduate research degrees at other institutions:

Donna deHaan – PhD, Loughborough University

External examinerships for postgraduate research students at other HEI's:

Dr Lynn Kidman:

- MPhil, University of Queensland, Brisbane, Australia
- MPE, University of Otago, Dunedin, New Zealand

Additional information:

Mr Christian Edwards: Postgraduate award BASES annual student conference April 2009

Dr Lynn Kidman is a reviewer for *International Sports Coaching Science Journal, Pedagogy and Physical Education journal, Routledge Publishers, Teaching Games for Understanding Conference Proceedings and Abstracts.*

Ms Alice Mooney: Book Reviewer, BASES magazine, The Sport and Exercise Scientist

Dr Derek Peters: Editorial board of International Journal of Performance Analysis of Sport; Editorial Board of Worcester Journal of Learning & Teaching;

Dr Derek Peters is a reviewer for Child: Care, Health & Development; European Journal of Sport Science; Health Education Research; Human Movement; International Journal of Sports Science & Coaching; Journal of Hospitality, Leisure, Sport & Tourism Education; Journal of Physical Activity & Health; Journal of Sport Science & Medicine; Journal of Sports Sciences.

Dr Mark Piekarz reviewed book proposal "*Research Methods for Sport Studies and Sport Management: A Practical Guide*" by Simon Darcy and A. J. Veal October 2009 for Pearson Education.

Julia West is a reviewer for *Athletic Insight* an on-line sport psychology peer reviewed journal.

- **Discussion of how research and scholarly activity feeds into teaching.**

All research undertaken in the School is applied in nature and feeds directly into teaching, whether the teaching is research-led, research-oriented, research-based or research-informed (Jenkins, 2005). Many undergraduate modules involve teaching that is research-led through the use of curriculum content drawn from research undertaken by module staff. Teaching is strongly research-oriented (promoting the understanding of the research process) and research-based (using inquiry-based activities, supported by staff experiences) in all of the research methods modules taught across all courses in the School and to an increasing degree in many other UMS modules especially at levels 5 and 6. The MSc has a profound use of research to guide its teaching. Teaching is also directly research-informed, with a number of staff engaged in externally and internally funded projects that investigate teaching and learning processes themselves within the discipline.

- **Collaborative research and related activities, including international links.**

A strong external collaborative research ethos is evident in the emerging collaboration with other HEI in supervision of postgraduate research students. Also, the ISES staff have many international collaborations in both research and conference projects. There is also a strong theme of cross-departmental collaboration within the University itself with evidence presented via publication authorship and both successful and un-successful research grant applications.

Appendix 1: Research Students

Appendix 1: Research Students

Current Research Students 2008/09

Student Name	MPhil/PhD	FT/PT	Initial Enrolment	Title of Proposal	Registration Date	Anticipated Transfer Date	Anticipated Completion Date	Supervisors
Adam Benkwitz	MPhil/PhD	PT	14/10/2006	Rivalry and Identity Involving the Fans of Aston Villa and Birmingham City Football Clubs	18/06/2008	01/03/2010	01/07/2012	Dr Gyozo Molnar DoS Dr Lynn Kidman
Scott Buckler	PhD	PT	12/06/2005	An analysis of perceived psychological motivators that account for Wing Chun participation	05/07/2007		05/01/2010	Dr Paul Castle DoS Dr Derek Peters
Susie Hart	MPhil/PhD	PT	01/09/2004	A Comparative Analysis of Sport for all Policies and Programmes for the Elderly in Australia, Canada and England (1975-2005)	01/09/2005	01/09/2007	01/09/2010	Mr Mike Donavan, DoS Prof Ken Hardman
Lucy Holmes	MPhil	PT	01/09/2002	A time-motion analysis of elite womens' hockey - Implications for fitness assessment and training	15/09/2005		15/06/2009	Dr Derek Peters, DoS
Gareth Jones	MPhil/PhD	PT	25/11/2002	The Role of Perceived Social Loafing in Collective Efficacy and Performance in Sports Teams	03/03/2008	03/03/2010	03/03/2012	Dr Derek Peters, DoS
Ruan Jones	PhD	PT	25/9/06	Teaching Games for Understanding: A 'delightful' experience. A phenomenological analysis of TGfU in secondary physical education	29/09/2009		31/05/2015	Dr Lynn Kidman, DoS
Richard Medcalf	PhD	PT	10/07/2006	The experiences of the child with Social Emotional and Behavioural difficulties in Physical Education	19/10/2006	19/04/2008	09/10/2010	Dr Lynn Kidman, DoS Prof Ken Hardman
Ash Routen	PhD	FT	22/09/2008	The effect of including pedometer strategies on a familial based weight intervention programme for overweight/obese 7-13 year old children	10/01/2009		10/06/2012	Dr Derek Peters, DoS
Adam	MPhil/PhD	FT	10/03/2008	EFT and Sporting performand a				Dr Paul Castle,

Student Name	MPhil/PhD	FT/PT	Initial Enrolment	Title of Proposal	Registration Date	Anticipated Transfer Date	Anticipated Completion Date	Supervisors
Stevenson				revolutionary approach to maximising potential				DoS
Charlotte Wathan	Mphil/PhD	PT	01/04/09	Breeding the Elite Athlete				
Julia West	PhD	PT	25/11/2003	Testing the Hierarchical Model of Motivation at the State Level in an Exercise Setting	07/01/2007	07/11/2009	07/09/2010	Rhoden

Students who withdrew during 2008/09

Date of Withdrawal	Initial Enrolment	RDC1 Approved	Surname	First name(s)	Description
18/02/2009	13/10/2004	08/08/2006	Chiverton	Colin	Institute of Sport and Exercise Sciences
31/03/2009	01/09/2004		Behan	John	Institute of Sport and Exercise Sciences

Appendix 2: Publications

Books:

Castle, P. C., Rhoden, C., West, J., Faull, A. & Mycock, D. (Eds) (2009). *Psychological Foundations of Sport and Exercise* (3rd Edition). London: McGraw Hill.

Castle, P.C. & Buckler, S. (In press). *How to be a Successful Teacher: Strategies for personal and professional development*, Chennai: Sage.

Donovan, M. & Yates, V. (In press) *Learning Through Sport. Supporting Key Stage 2 children in Math's and English*. Coachwise, Leeds.

Book Chapters:

Allpress, J. & **Kidman, L.** (In press), Developing Decision Making and Learning, Football Creative Coaching: Level 3 and 4 Football Association.

Bowen-Jones W, Barber L & Martin L (2009) The Evolution of a Peer Learning Scheme (53-59), In '*Beyond the peer Observation of Teaching*', SEDA publications, London.

de Haan, D. & Winfield, J. (2008) The Paralympics: Horse Power, In K. Gilbert (2008) *Paralympics – empowerment or side show?* Meyer & Meyer: Verlag.

de Haan, D. & Dumbell, L. (2009) Management in the equine and animal industry. In J. Williams, *The Complete textbook of Animal Health and Welfare*. Elsevier: Oxford

Dumbell, L & **de Haan, D.** (2009) Animal welfare and Law. In J. Williams, *The Complete textbook of Animal Health and Welfare*. Elsevier: Oxford.

Kidman, L. & Lombardo, B. (In press) Humanistic coaching, In Griffin and Butler (eds), *Teaching Games for Understanding* (2nd Ed), Champaign, IL: Human Kinetics.

Molnar, G. (In press). Re-discovering Hungarianness: The Case of Elite Hungarian footballers. In P. Dine & S. Crosson (eds.), *Sport, Representation and Evolving Identities in Europe*. Peter Lang: Witney.

Molnar, G. (In press). From the Soviet Bloc to the European Community: Migrating professional footballers in and out of Hungary. In M. Falcous & J. Maguire (eds.), *Sport and Migration*. London: Routledge.

Piekarz, M. (2009), An introduction to sport management, in K. Bill (ed) *Sport Business Management*, Exeter, UK: Learning Matters.

Piekarz, M. (2009), Risk management, Bill, K (ed) *Sport Business Management*, Exeter, UK: Learning Matters.

Refereed Journals:

Butt, J. & **Molnar, G.** (2009). Involuntary Career Termination in Sport: A Case Study of the Process of Structurally Induced Failure. *Sport in Society*. 12(2): 236-252.

Caldwell, B. & **Peters, D.M.** (2009). Seasonal variations in the physiological fitness of semi-professional footballers. *Journal of Strength & Conditioning Research*, **23**(5),1370-1377.

de Haan, D. (2008) Dear Olympic Diary. *NES Journal of Equine Studies* (14) 17-18.

Edwards, C., Tod, D. and McGuigan, M. (2008) Self-talk influences vertical jump performance and kinematics in male rugby union players. *Journal of Sports Sciences*, 26, 1459-1465.

Tod, D., **Edwards, C.**, Drury, B., Akehurst, S., & Lavalley, D. (2008, September) Relationships among muscle dysmorphia and body image-related quality of life and coping strategies. *Journal of Sports Sciences*, 26 (Suppl. 2). 139-140.

Faull, A. L., & Cropley, B. (2009). Reflective learning in sport: a case study of a senior level triathlete. *Reflective Practice International and Multidisciplinary Perspectives*, 10 (3), 325–339.

Jones, G. (2009). Sand, Soccer and Skill. *Sport IQ*, (9), 47-50.

Jones, R.J.A., Polman, R. & **Peters, D.M.** (2009) Physical Self-Perceptions of adolescents in years 8, 9 and 10 in Independent Schools, State Comprehensive Schools and Specialist Sport Colleges in England. *Physical Education and Sport Pedagogy*, 14, 109-124.

Molnar, G. & Gal, A. (2008) A sporttal kapcsolatos migráció általános áttekintése [Sport-related Migration: A General Overview]. *Magyar Sporttudományi Szemle*. 9(3). 12-15.

Molnar, G. & Bryson, J. (2009). Enhancing processual learning: some observations on teaching research skills. *The Journal of Pedagogical Research and Scholarship*. 1(2): 26-33.

Renfree, A., **West, J.**, **Corbett, M.**, and **Rhoden, C.** (2009) Individualised RPE during a self paced cycle time trial, *Sport Science Review* (7), 7-26.

Soós, I., Hamar, P., **Molnár, G.**, Biddle, S. & Sándor, I. (2008). Erdélyi tanulók fizikai aktivitásának és inaktivitásának vizsgálata EMA (Ecological Momentary Assessment) módszerrel [An Investigation into Physical Activity and Sedentary Behaviours in Transylvanian Students by Using EMA (Ecological Momentary Assessment)]. *Magyar Sporttudományi Szemle*. 9(4): 20-24.

Refereed Articles in press:

Benfield, L.L., **Peters, D.M.**, Fox, K.R., Blake, H., Wenyika, R., & Ness, A.R. (In press). Dual energy X-ray absorptiometry (DXA) estimation of children's abdominal adiposity measured by magnetic resonance imaging (MRI). *International Journal of Body Composition Research...*

Cassidy, T. & **Kidman, L.** (In press). Initiating a national coaching curriculum: A paradigmatic shift, *Physical Education and Sport Pedagogy*.

Molnar, G. & Maguire, J. (In press). Moving Globally, Living Locally: Identity Formation of Migrant Hungarian Professional Footballers. *Football Studies*.

Conference Proceedings:

Chapman V & **Bowen-Jones W** (2008) 'From Elitism to Inclusion', Higher Education Close Up (HECU) 4 Conference proceedings.

Appendix 3: Conferences Presentations

Invited/keynote speakers:

Harding, G. (Keynote Speaker) An inclusive approach to delivering coaching and physical education, *University of Univates South Brazil Physical Education, Inclusion Conference*, June 16, 2009.

Kidman, L. (Keynote Speaker), Coaching to Develop 'Complete Coaches', *England Golf Union National Coaching Conference*, January 15, 2009

Kidman, L. (Invited Speaker), Athlete-centred Coaching, *University of Staffordshire*, October 29th, 2008.

Kidman, L. (Keynote Speaker), Enabling Athletes to Learn, *Opening Ceremony for University of Hanze*, Groningen, October 3, 2008.

Kidman, L. (Keynote Speaker), Athlete Decision Making, *Coaching Ireland National Conference*, September 12-14, 2008.

Molnar, G. (Invited Speaker). Re-discovering Hungarianness: The Case of Elite Hungarian footballers. *National University of Ireland, Galway*, December 5-6, 2009.

Conference presentations:

Bevins J., Lester L., Hukins D., Shepherd D., **Hughes C.**, Whalley H., Arafa M., Rai A. Motion analysis of the rheumatoid hand. *Presented at CMAS Annual Meeting*. Edinburgh, 2009.

Chapman, V. & **Bowen-Jones, W.** "Developing Inclusive Curricula Through an Appreciative Inquiry Approach, *SEDA Spring Learning Teaching & Assessment Conference 2009, Underpinning Academic Practice with Research and Scholarship*, The Thistle Hotel, Brighton, 7th –8th May 2009.

Chapman, V. & **Bowen-Jones, W.** "Developing Inclusive Practice Through an Appreciative Inquiry Approach: Getting the attention of academic staff", *National Association of Disability Practitioners (NADP) – Annual Conference 2nd/3rd July 2009*

Chapman, V. & **Bowen-Jones, W.** Consensus For Change Through An Appreciative Inquiry Approach, *16th IAPESGW World Congress*, 16-19 July 2009 University of Stellenbosch, South Africa.

Chapman, V., **Bowen-Jones, W.**, Peters, J., Pollard, E., Appreciative Inquiry - a practical way to achieve excellence in inclusive learning and teaching, *HEA Research Seminar Series 2009: Access and Success for All*, July 6th 2009.

Corbett, M. & Bevins J., Churchill S., Palmer R., Pratt D., Uutela A. (2009) Intra- and inter-laboratory repeatability of gait analysis data in normal adults. *Presented at ESMAC Annual Meeting*. London.

de Haan, D. & Harding, G. Credit crunch and the postcode lottery, village life at the Paralympics. *International Sport Management Conference*, 6th-8th May 2009.

de Haan, D. My Olympic research diary; from insomnia to inspiration. *3rd International Qualitative Conference in Sport and Exercise*, 10th-12th June 2009 (Nominee for new researcher award).

Donovan, M. (2008). Learning Through Sports when preparing for SATS. Interactive learning session. *Association of Physical Education Conference*, Cheshire.

Edwards, C. and Tod, D. Relationships among muscle dysmorphia, appearance schema processing, body image disturbance, and activating events. *British Association of Sport and Exercise Science, annual student conference*, April 2009.

Hoigaard, R. & **Peters, D.M.** The contribution of group cohesion and collective efficacy to perceived social loafing in football teams. *12th International Society of Sport Psychology World Congress of Sport Psychology*, Marrakesh, Morocco, 17-21st June, 2009.

Hoigaard, R. & **Peters, D.M.** The relationship between group cohesion, collective efficacy and social loafing in youth football. Invited symposium presentation at the *12th International Society of Sport Psychology World Congress of Sport Psychology*, Marrakesh, Morocco, 17-21st June, 2009.

Holmes, L.A, **Peters D.M.** & Robinson, P.D. A time motion analysis of elite women's hockey – implications for fitness assessment and training. *World Congress of Performance Analysis of Sport VIII*, Magdeburg, Germany, 3-6th Sept, 2008.

Inclendon, V., & Jones, R. Creativity and Teaching Games -The deconstruction and reconstruction of Undergraduate (UG) PE students' perceptions of games .5th *FIEP European Congress and 2nd Serbian Congress of PE Teachers*. Nis, Serbia, September 23rd – 26th 2009.

Jones, G.W. & Peters, D.M. Sports coaching science student reflections on an Applied Performance Analysis module and its impact on their perceptions of 'performance analysis' and the attributes of an effective performance analyst. *World Congress of Performance Analysis of Sport VIII*, Magdeburg, Germany, 3-6th Sept, 2008.

Jones, G.W., Hoigaard, R. & Peters, D.M. The impact of a seven-day sport science summer school on cohesion in an unfamiliar team sport. *12th International Society of Sport Psychology World Congress of Sport Psychology*, Marrakesh, Morocco, 17-21st June, 2009.

Jones, R. and Inclendon, V. The deconstruction and reconstruction of PE Undergraduates' perceptions of games *26th International ACHPER Conference, QUT, Brisbane, Australia, 8th - 10th July, 2009.*

Jones, R. An existential perspective on TGfU: Let common sense prevail, *26th International ACHPER Conference, QUT, Brisbane, Australia, 8th -10th July, 2009.*

Kidman, L., Lombardo, B., & Cassidy, T. (2009). Coach Development in New Zealand, USA Coaching Conference, June 11, 2009.

Martin, J.A., **Peters, D.M., Hughes, C.** & Edwards, M.G. Determinants of motor performance across the age span. *Federation of the European Societies of Neuropsychology*, Edinburgh University 2-5th Sept, 2008.

Mooney, A. Stewart, K. & Hillis. W.S. Effects of a 10 week Aerobic Dance Intervention on Physiological Factors in Adolescent Girls, BASEM, UK, October 2008.

Mycock, D.C., (2009). Physical Education and Health in a European Perspective. *The Intensive Programme 13PE*, Malmo University, Sweden, June 2009.

Peters, D.M., Balciunas, M. & Stonkus, S. Test-retest reliability of fitness and skill tests in elite male youth basketball players. *European College of Sport Science Annual Congress*, Oslo, Norway, 24-27th June, 2009.

Peters, D.M., **Donovan, M.**, Balciunas, M & Stonkus, S. (2009). An international comparative study of fitness and skill in elite male U16 basketball players. *European College of Sport Science Annual Congress*, Oslo, Norway, 24-27th June, 2009.

Peters, D.M., **Molnar, G.**, **Adamson, G.**, **Rhoden, C.**, **Edwards, C.** & **Breeze, N.** An evaluation of student and staff perceptions of the use of audio files for feedback on student assessments. *University of Worcester Annual Learning & Teaching Conference*, 18th June, 2009.

Peters, D.M. & **Jones, G.W.** (2008). Sports coaching science students' perceptions of 'Performance Analysis' and the attributes of an effective performance analyst – implications for learning & teaching. *World Congress of Performance Analysis of Sport VIII*, Magdeburg, Germany, 3-6th Sept.

Piekarz, M. *The Babel of risk management, LSA "Leisure Experiences: Participation, Planning, Providing" conference*, July 7-9th, 2009, Canterbury, UK.

Routen, A., Upton, D., Edwards, M. & **Peters, D.M.** A preliminary investigation of child, parent and programme leader reflections on participation in and delivery of a family-based weight intervention programme. *University of Birmingham Obesity & Insulin Resistance Day Conference*, 24th April, 2009.

Tod, D., **Edwards, C.**, Drury, B., Akehurst, S. and Lavalley, D. (2008) Relationships among muscle dysmorphia and body image-related quality of life and coping strategies. *British Association of Sport and Exercise Science, annual conference*, 2 - 4 September 2008.

vanBerlo, K. Enhancing the PE ITTE experience for Primary trainees, *"To boldly go" afPE ITTE Network Conference*, 26 & 27 February 2009

vanBerlo, K. Thinking beyond targets; Shaping tomorrow – today, *afPE national PESS Conference*, June 2009.

Wright, R.L., **Peters, D.M.**, Robinson, P.D., Watt, T.N. & Hollands, M.A. (2009). Age and falls history-related differences in the biomechanics of 360° pivot turns. *International Society for Posture and Gait Research*, Bologna, Italy, 21-25th June.

Poster Presentations:

de Haan, D. (2009) Sport separation, past experiences and pre event expectations; conversations with the para-dressage riders. *7th Annual Paralympic Conference*, 4th-5th March 2009 (shortlisted for best poster).

Mooney, A. & McCaffrey, N. Effects of Post Exercise Sports Massage Intervention on Intensity and Duration of Lower Limb Muscle Pain in Male GAA and Football Players, *World Federation of Athletic Therapy and Training*, Houston, Texas, June 2009.

Renfree, A., & Gurney, T. Non-linear increase in RPE during constant load exercise to volitional exhaustion, *ECSS Conference*, Oslo, Norway, 25th – 27th June 2009.

Renfree, A. The effect of NaHCO₃ ingestion on power output during exercise at a constant level of perceived exertion, *ECSS Conference*, Oslo, Norway, 25th – 27th June 2009.

West, J., Rhoden, C. and Castle, P. Are you in the mood for Motivation? *European College of Sport Sciences*, Oslo, Norway June 24-27, 2009)

Appendix 4: Knowledge and Transfer Activities

Consultations:

Dr Paul Castle:

- West Bromwich Albion FC Academy, Sport Psych support, \$7300
- Worcester County Cricket Club Academy £150/session
- Van Golf Club Ladies Scratch Team, £400
- Worcester Referees Association

Dr Lynn Kidman

- Coaches' Share 'Em, a programme to help community coaches in their educational pursuits.
- Consultant, Worcester Warriors (2009), to Head Coach
- Consultant, Wellington College (2009), Implementing Athlete-centred approach with teachers, head masters and mistresses and house parents, £1400

Mrs Annie Lambeth-Mansell

- Kidderminster College -SPCC Schools Workshop 8/10/08 and
- John Masefield High School - SPCC Schools Workshop 21/10/08
- Melinda Cooksey – Sponsorship
- Workshop for Referees - Worcestershire FA on 26/7/09

Ms Alice Mooney

- Student Sports Massage Clinic Supervisor and Coordinator at BB54 on UW campus
- Coordinator and supervisor of student therapists (sports therapy/sports massage) engagement in external national and local races such as London Marathon, Men's Health Race Series, Race for Life, Tough Guy, Evesham Indoor Rowing Championships
- Sports Massage Practitioner – Worcester Wolves

Mr David Mycock

- West Bromwich Albion Football Club, Sport and exercise science, sports psychology & performance coach, £7K per annum.
- The English Football Association Sport science & technical coach for GB Paralympics & England B1 football team.

Dr Derek Peters

Visiting Associate Professor – University of Agder, Kristiansand, Norway

Ms Karen vanBerlo

- 2008-2011 Adviser on 3-year Higher Education Academy project, '*The Strategic Implications Of Different Forms Of International Collaboration In HE*' hosted by the University of Northampton http://www.heacademy.ac.uk/projects/detail/ntfsproject_northampton08

Professional Bodies:

Mrs Lerverne Barber, Association for Physical Education

Dr Mark Corbett, Active member of Clinical Movement Analysis Society of UK and Ireland (CMAS), and European Society of Motion analysis in Adults and Children (ESMAC).

Mrs Donna de Haan: The Higher Education Academy – Hospitality, Leisure, Sport and Tourism Network

Ms Andrea Faull: BASES Accreditation for Scientific Support in Sport Psychology until 2014.

Mrs Vanessa Incedon: Association for Physical Education(afPE)

Mr Ruan Jones:

- AfPE (Association for PE)
- Association Internationale des Ecoles Superieures d'Education Physique
- BERA (British Education Research Association)

Dr Lynn Kidman:

- Teaching Games for Understanding – Task Force
- Association Internationale des Ecoles Superieures d'Education Physique
- International Council for Coach Education

Mrs Annie Lambeth-Mansell:

- BASES Accreditation for Scientific Support in Nutrition

Dr Gyozo Molnar:

- Marxist Study of Sport Group
- Association for the Study of Sport and the European Union
- HE Academy

Ms Alice Mooney

- SMA UK – Sports Massage Association UK
- European Society of Athletic Therapy and Training (ESATT)
- British Association of Sport and Exercise Sciences (BASES)
- PGA Golf Association

Dr Derek Peters

- Association for the Study of Obesity (ASO)
- British Association of Sport and Exercise Sciences (BASES)
- European College of Sport Science (ECSS)
- Higher Education Academy (HE Academy)
- Fellowship of the National Teaching Fellowship Scheme (HE Academy)
- National Obesity Forum (NOF)
- Physical Activity Network – West Midlands, Research Group (PAN-WM)
- Worcestershire Childhood Obesity Strategy Steering Group.
- Worcestershire 'MEND' Programme Steering Group.

Dr Clare Rhoden

- British Association of Sport and Exercise Science
- HE Academy

Ms Karen vanBerlo

- AfPE (Association for PE)