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Senate

Subject: Report of the Ethical Advisory Committee 2010/11

Origin: Secretary, Ethical Advisory Committee

Date: May 2011

1. Terms of Reference

Information regarding the Terms of Reference of the Ethical Advisory Committee (EAC) is available on the EAC’s web-site at <http://www.lboro.ac.uk/admin/committees/ethical_advisory/index.htm>.

**2. Membership**

Dr G Ragsdell has been appointed Interim Chair during the period of Dr S Mastana’s study leave (February – July 2011). Dr C Butler (Social Sciences) has replaced Dr M O’Neill. In addition, two lay members, Rev K Elliott and Mr S Coney, have been appointed to the Committee.

3. Approval of Research Proposals and Generic Protocols

During 2010/11, the EAC met on three occasions and the Ethical Advisory Sub-Committee (EASC) six times. In addition, some proposals were considered by Chair’s action, to facilitate urgent approval where required. Clearance to proceed was issued for 5 generic protocols and 194 research proposals (listed in Appendix II). This represented a significant increase in the number of proposals submitted, compared to 2009-10. The table below shows the number of research proposals and generic protocols approved in each year since 2001-02.

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| **Academic Year** | **Research Proposals** | **Generic Protocols** |
| 2001-02 | 46 | 14 |
| 2002-03 | 65 | 6 |
| 2003-04 | 105 | 17 |
| 2004-05 | 146 | 5 |
| 2005-06 | 131 | 4 |
| 2006-07 | 156 | 6 |
| 2007-08 | 136 | 8 |
| 2008-09 | 178 | 14 |
| 2009-10 | 154 | 12 |
| 2010-11 | 194 | 5 |

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##### Senate

###### Subject: Membership of Ethical Advisory Committee 2010/11 (Appendix I)

**Origin: Secretary, Ethical Advisory Committee**

**Date: May 2011**

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| **Position** | **Member** | **Term of Office** |
| Committee Secretary | Z Stockdale |   |
| Chair | Dr S Mastana | until 31.7.2012 |
| Members appointed by Faulty Boards | A Chandra (ENG) | until 31.7.2011 |
| Dr A El-Hamalawi (ENG)  | until 31.7.2011 |
| V Haines (SCI) | until 31.7.2011 |
| Dr G Ragsdell (SCI) | until 31.7.2012 |
| Dr S Shirreffs (SSH) | until 31.7.2011 |
| Dr C Butler (SSH) |  |
| Ethical and Environmental Officer, LSU (ex-officio) | A James |   |
| Health Safety Officer (ex-officio) | C Moore  |   |
| Co-opted members(up to four places) | M Alonso | until 31.7.2011  |
| T Ellis | until 31.7.2011 |
| Rev K Elliott | until 31.7.2011 |
| S Coney | until 31.7.2011 |
| Regularly in attendance | A Crawford |

Author: Zoe Stockdale

May 2011

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##### Senate

###### Subject: Summary of Proposals Approved 2010/11 (Appendix II)

###### Origin: Secretary, Ethical Advisory Committee

###### Date: May 2011

Research Proposals

|  |  |
| --- | --- |
| R10-P44 | Effect of abdominal binding on breathing mechanics during maximal incremental exercise in wheelchair athletes with cervical spinal cord injury |
| R10-P45 | Does inclusive design make good design in the eyes of older users? |
| R10-P46 | Use of the web in secondary schools in Brazil |
| R10-P47 | Examine the integration of ICT into primary schools in the East Midlands |
| R10-P48 | Abuse of parents: causes, preventions and interventions |
| R10-P49 | Trapped human simulation for urban search and rescue operations - Welfare systems |
| R10-P50 | Salivary testosterone and cortisol response to two, 30 min, high-intensity cycling bouts before and after a 9-day intensified training period |
| R10-P51 | Cycling power profile and running performance after 1 hour cycle in triathletes |
| R10-P52 | Black and Minority Ethnic pupils' opinions of teaching as a career |
| R10-P53 | An investigation of personal, learning and thinking skills (PLTS) in physical education (PE) through the exploration of curriculum options |
| R10-P54 | Influence of renal flow rate on urinary concentration of compounds of interest to anti-doping agencies |
| R10-P55 | The influence of relative humidity on performance during prolonged exercise in a warm environment |
| R10-P56 | Relationships among training load, energy intake and body composition in runners |
| R10-P57 | An investigation of the mechanisms behind glucose oral mouth wash and performance |
| R10-P58 | The effect of power output on energy expenditure during manual wheelchair propulsion |
| R10-P59 | The effects of different warm-up techniques on sprint capacity in wheelchair athletes |
| R10-P60 | Vitamin D status in premenopausal women |
| R10-P61 | The role of relationships in sport performers' psychological well-being |
| R10-P62 | The effect of exercise in the cold on fluid ingestion |
| R10-P63 | Making weight/fasting and performance |
| R10-P64 | The effect of sweat losses on assessment of salt consumption |
| R10-P65 | Measurement, Modelling, Mapping and Management (4M): An evidence based methodology for understanding and shrinking the urban carbon footprint |
| R10-P66 | Trapped human simulation for urban search and rescue operations - Dynamic systems |
| R10-P67 | Perspectives on Exercise and The Impact of Hospitalisation on Exercise Behaviours: A Qualitative Investigation in Inpatients with Anorexia Nervosa. |
| R10-P68 | Parental Attitudes to the changing role of primary schools in British Society |
| R10-P69 | An Investigation into enhancement through extracurricular activities |
| R10-P70 | Non-invasive measures of heat strain in personnel working in an industrial environment |
| R10-P71 | Examination of family mealtime behaviours and experiences in relation to the development or non-development of early feeding problems and disorders |
| R10-P72 | Comparing the force-length-velocity profile of knee extensors and flexors during voluntary effort and with electronic stimulus and with different levels of training |
| R10-P73 | Exercise in the cold: influence on appetite, energy intake and gut hormones |
| R10-P74 | An investigation into physical activity participation and physical activity promotion strategies in secondary school students |
| R10-P75 | Active Video Games, Sedentary Behaviour and Physical Activity in Teenagers and Young Adults |
| R10-P76 | Stress, coping and appraisal in female adolescent golfers and its influence on performance |
| R10-P77 | Are the barriers to extracurricular participation faced by Key Stage 4 girls the same as those faced by post 16 girls? |
| R10-P78 | Effect of Respiratory Muscle Warm-up on Swimming Performance |
| R10-P79 | Investigation of the rate of omega-3 fatty acid incorporation into peripheral blood mononuclear cell membranes at two different doses |
| R10-P80 | The effect of insulative clothing on muscle temperature and sprint performance |
| R10-P81 | Evaluation and research of the 'Flames: Lighting the Way' pilot programme |
| R10-P82 | Motivation and the effect of competition in youth football |
| R10-P83 | Peer influence, motivation and drop out in youth soccer |
| R10-P84 | Organisational and psychosocial stressors that affect successful career transition of British tennis players: A needs analysis of the National Training Centre |
| R10-P85 | The effect of natural variation in blood pressure on pain-related brain activity |
| R10-P86 | Developing a vocationally orientated power questions self-management tool for people who have recovered/are recovering from cancer and are planning on returning to work |
| R10-P87 | One school's approach to gaining healthy school status: Unpacking the process |
| R10-P88 | The influence of a 6 month unilateral high impact exercise programme on muscle function in older men - a control group |
| R10-P89 | An investigation into the State Boarding School |
| R10-P90 | Predicted vs. in-use Performance of Buildings, an Integrated Study |
| R10-P91 | Does studying advanced mathematics improve general thinking skills? |
| R10-P92 | D25 detailed temperature and energy monitoring study |
| R10-P93 | An Experience-Sampling Study of Organizational Stress within Professional Soccer Academies |
| R10-P94 | Is there an impact on a department when staff members have additional roles within the school |
| R10-P95 | The Great Activity Programme in Secondary Schools |
| R10-P96 | To evaluate the reliability of a selection of range of movement (flexibility) measures in male and female participants |
| R10-P97 | TOP innovation project: World Class support for school age (11-18 years) talented young athletes with disabilities |
| R10-P98 | The relationship between school sport, academic performance and behaviour of secondary school boys and the implications for schools |
| R10-P99 | An evaluation of an intervention for children with poor dietary variety based in a Manchester community |
| R10-P100 | Effect of a bout of exercise at Fatmax on the glycaemic and insulinaemic responses to a subsequent HGI breakfast in overweight adolescent girls |
| R10-P102 | Energy expenditure and health-related fitness in English rock climbers |
| R10-P103 | Beta-Testing Computerised Link Analysis |
| R10-P104 | Investigating Service Providers' perspectives: whether any barriers hinder the provision of services to ethnic minorities |
| R10-P105 | The use of sustainable wall materials for low impact housing construction in the UK |
| R10-P106 | The skin pen: a non-invasive way to sample the chemical profile of human skin |
| R10-P107 | The effects of bending stiffness of sprint footwear on athletic performance of elite athletes using selective laser sintered sole units |
| R10-P108 | Swimming starts utilising a wedge block |
| R10-P109 | The impact of a school-based physical activity promotion initiative (The Get Active Programme) on selected health behaviours of young people |
| R10-P110 | Attention Training for Non-Clinical Disordered Eating |
| R10-P111 | Measurement of Physical Activity and Sedentary Behaviour in a Bi-Ethnic Population of Toddlers - A Pilot Study |
| R10-P112 | Comparison of pre-exercise feeding and overnight fasting on physiological responses to self-selected treadmill running |
| R10-P113 | TeleFOT Large Scale and Detailed Trials on an on-the-market Satellite Navigation (SatNav) system (incorporating speed information) |
| R10-P114 | Evaluation of DWP Financial Inclusion Champions Initiative |
| R10-P115 | Young People and Attention Deficit Hyperactive Disorder |
| R10-P116 | Effect of passive manipulation of core body temperature on muscle strength and cognitive function |
| R10-P117 | Caffeinated beverages and water balance |
| R10-P118 | Interpersonal problem solving and eating disorder related attitudes and behaviours |
| R10-P119 | Increased insulin sensitivity following an acute bout of high intensity intermittent training |
| R10-P120 | A comparison of Physical Education curricula using self-determination theory |
| R10-P121 | An Investigation into the effects the glycaemic index of breakfast and exercise on the cognitive function of adolescents during the school morning |
| R10-P122 | Effects of prolonged exercise with oral breathing on post-exercise URTI symptoms and markers of airway inflammation |
| R10-P123 | Reproducibility of an exercise test to quantify salivary cortisol and testosterone responses and performance in the evaluation of overreaching/overtraining |
| R10-P124 | Drinking in Sport: an examination of associated social and cultural practices and predictors |
| R10-P125 | Exploring the adoption of photovoltaic technologies: the case of rural Central America |
| R10-P126 | Quantification of trace concentrations of metabolites, metals and volatile compounds in expired air and bodily fluids collected at rest and during exercise |
| R10-P127 | Comparison of Single and Multiple Joint Muscle Function and Neural drive of Explosive Athletes and Controls |
| R10-P128 | Influence of a 60-minute bout of walking on postprandial triaglycerol concentrations, blood pressure and endothelial function in normal weight and overweight adolescent males |
| R10-P129 | Perceived exertion and training load during self-selected and imposed-intensity wheelchair quadriplegic participants |
| R10-P130 | A study of student motivation and it's effects on Physical Education participation |
| R10-P131 | Parent-child mealtime feeding interactions |
| R10-P132 | The effect of high intensity intermittent exercise compared to continuous exercise on fluid ingestion |
| R10-P133 | A video observation study of child feeding behaviour and related feeder and contextual factors |
| R10-P134 | Effects of Kaloba supplementation on immune responses to prolonged exercise |
| R10-P135 | Social media and Activism in Barcelona - video research component |
| R10-P136 | Internet stories for children |
| R10-P137 | Given the advancement of technology in the entertainment industry will the new e-readers prove more popular with the younger generation than the older generation? |
| R10-P138 | How does gender influencing through Fairy Tales have an impact on child development with regards to morals and values? |
| R10-P139 | Quantifying repetitive electricity using behaviours and the potential for energy efficiency in UK households |
| R10-P140 | Play at home: A comparative study of children's play with friends, siblings and parents |
| R10-P141 | Experiences of Adults with Asperger syndrome/high functioning Autism |
| R10-P142 | Evaluation of the impact of Action for Children Short Break Services on outcomes for children |
| R10-P143 | How do participants manage online interaction in one-to-one Facebook chats? |
| R10-P144 | Remembering Bhopal: Disaster and the Dynamics of Memory |
| R10-P145 | Effects of low compression balls on wheelchair tennis match play |
| R10-P146 | Girls' Experiences of Playing Rugby and how this Impacts Ideas about Body Image |
| R10-P147 | The Association between Parental Nutritional Knowledge and Obesity Status in Children |
| R10-P148 | Physiological, Psychological and Technical Indicators of Talent in Elite Youth Football Players |
| R10-P149 | Supporting Secondary Schools in the Effective Promotion of Physical Activity |
| R10-P150 | Thermoregulatory response to the cold in competitive football environments |
| R10-P151 | A study of girls' psychological needs and social physique anxiety and effects on physical education participation |
| R10-P152 | The comparative relationships among psychological need satisfaction in PE, Maths and English, and students' global well being |
| R10-P153 | A study into psychological needs, mindfulness and sporting performance |
| R10-P154 | Understanding resilience, health and wellbeing among spinal injured adults and their families |
| R10-P155 | The effect of exercise on appetite when performed before or after a breakfast meal |
| R10-P156 | The effects of exercise on cardiovascular disease risk markers in men of South Asian verses European descent |
| R10-P157 | A comparison of the effect of exercise in appetite and gut hormones in sedentary males and females |
| R10-P158 | The effect of beetroot juice in the form of dietary nitrate on blood pressure in healthy female adults |
| R10-P159 | Muscle blood flow and capillary filtration following short term dynamic resistance exercise training with circulatory occlusion |
| R10-P160 | Peripheral vascular structure and function in elite rock climbers |
| R10-P161 | Dietary supplementation of Beetroot Juice leads to a reduction in oxygen cost of steady-state, sub-maximal treadmill running |
| R10-P162 | Effect of unilateral lower limb suspension on muscle strength, architecture and blood flow in young men |
| R10-P163 | Effects of bone loading exercises on bones in the forearm |
| R10-P164 | Exercise levels and diet in boys from inner-city Leicester |
| R10-P165 | Transformational teaching: Effects on students' belief about athletic ability, motivation, and leisure-time physical activity |
| R10-P166 | Exploring children's abilities to recognise emotion from body posture |
| R10-P167 | The effects of self esteem and music on chocolate intake |
| R10-P168 | Looking into the emotional effects of caring for autistic children in an educational setting, and the coping strategies applied by those affected |
| R10-P169 | Exploring emotional experiences of those who have been involved in a personal relationship with someone diagnosed with a mental illness |
| R10-P170 | Using non-invasive eye tracking patterns for dementia detection |
| R10-P171 | The effect of a tailored information leaflet on activity levels and stage of change in adolescent girls: an intervention study |
| R10-P172 | Physical Activity Levels and Barriers to Physical Activity Participation in Further Education Learners |
| R10-P173 | Understanding the psychological, social and societal health and well-being of Great Britain's Wheelchair Rugby and Basketball Teams relative to the London 2012 Paralympics: A longitudinal qualitative study |
| R10-P174 | Effective pedagogy through the use of ICT in PE: Are the use of digital video diaries effective in Gymnastics |
| R10-P175 | Resveratrol bioavailablilty (as an oral supplement) in subjects of varying BMI |
| R10-P176 | Neural and Morphological Determinants of Explosive Muscle Strength |
| R10-P177 | Primary School Students' Drawing Interpretations of a Sport Education Model |
| R11-P1 | An investigation into the way that adolescents view language as a means of constructing identity |
| R11-P2 |  'Raunch Culture Vs. Religion', does the vow of chastity prove a valid alternative to early sexualisation for teenage girls in the UK and USA? |
| R11-P3 | The British in South Africa: Continuity or Change? |
| R11-P4 | Athlete Pre-cooling and its ability to improve athletic performance in warm conditions |
| R11-P5 | The Evolution of the Gay Male Public Sphere in England: 1967-c.1985 |
| R11-P6 | Football Consumption in Ethnically Diverse Communities |
| R11-P7 | Pro-anorexia and pro-recovery forums: support, adolescence and online community |
| R11-P8 | The growth of internet marketing and its usage within the teen/young adult market |
| R11-P9 | The effects of caffeine on alertness during the afternoon dip of the circadian rhythm in undergraduate students |
| R11-P10 | Investigating Interleukin-6 concentrations in sweat and the associations with concentrations found in blood |
| R11-P11 | Investigating the links between perceived parenting style, support availability and psychosocial development |
| R11-P12 | The effects of omega-3 fish oil supplementation on vascular function in rock climbers |
| R11-P13 | The impacts of modern day rugby clothing on thermoregulation and prolonged exercise performance in male rugby players |
| R11-P14 | A comparison of vascular function in rock climbers: Is there any difference present between adult climbers and child climbers? |
| R11-P15 | The effect of omega-3 polyunsaturated fatty acid supplementation on the response of well-trained athletes to repeated bouts of anaerobic exercise |
| R11-P16 | Carbon, Control and Comfort - User-centred control systems for comfort, carbon saving and energy management in social housing |
| R11-P17 | User's acceptablility of Shared Sanitation facilities in low-income urban areas, Focus on Sub-Saharan Africa - Pilot study in Ashaiman, Ghana |
| R11-P18 | Sustainable sanitation in rural regions of the Hindu Kush-Himalaya (HKH) - Pilot study |
| R11-P19 | LEEDR: Low Effort Energy Demand Reduction |
| R11-P20 | Dyscalculia within Higher Education |
| R11-P21 | The introduction of renewable energy into social housing in the UK |
| R11-P22 | An investigation into the development of pragmatic abilities through an analysis of displayed differences in children's and adult's understanding of linguistic humour |
| R11-P23 | Can Drama be a successful therapy for children with social emotional and behavioural difficulties? |
| R11-P24 | Abandon or maintain? Older peoples' patterns in the use of the internet |
| R11-P25 | Route observation and survey of route users on the Walk4Life Miles |
| R11-P26 | Validation of the OnPulse technology in recovery from sports injuries: the effect of chronic neuromuscular stimulation on muscle strength, architecture and blood flow during unilateral lower limb suspension in young men |
| R11-P27 | Validation of the role of OnPulse technology in recovery after competition and/or training: the effect of chronic neuromuscular stimulation on muscle damage, soreness and inflammation following prolonged intermittant exercise |
| R11-P28 | Correlation between serum and salivary hormonal concentrations in response to upper body exercise in active/recreational wheelchair sportsmen and able-bodied controls |
| R11-P29 | Monitoring immune function in wheelchair sportsmen and women during training and game play |
| R11-P30 | Measurement of Physical Activity and Sedentary Behaviour in a Bi-Ethnic Population of Toddlers - Phases 3 and 4 |
| R11-P31 | Self-Reporting for Adaptive Assistive Technology |
| R11-P32 | Evaluating the Effectiveness of a Module Designed to Enhance Student Engagement - Student Focus Group |
| R11-P33 | The liquid skin pen: a non-invasive way to sample the chemical profile of human skin |
| R11-P34 | An investigation into variation in the conversational styles of girls and boys |
| R11-P35 | A Comparative Study of 5 and 7 year old Girls' and Boys' ability to Compute Scalar Implicatures |
| R11-P36 | Exploration of the costs and impact of the Common Assessment Framework: Phase 2 |
| R11-P37 | Prostitution, diversity and sex markets: an occupational study of indoor sex work in Great Britain |
| R11-P38 | Sustainable Income Standards: towards a greener minimum |
| R11-P39 | Interviews on Members of Parliament and Human Rights NGO's Staff in Japan |
| R11-P40 | Developing resources to meet the information needs of older computer users |
| R11-P41 | An Introduction to Mindful Awareness - A Service Evaluation |
| R11-P42 | Working Late: New Dynamics of Later-life Working: Experience, Enactment and Discrimination |
| R11-P43 | The effect of exercise-induced dehydration and post-exercise rehydration on renal flow rate and the urinary concentration of compounds of interest to anti-doping agencies |
| R11-P44 | The effect of pitch size on heart rate, time motion and perceptual demands during small-sided games in elite male soccer players |
| R11-P45 | The effect of high intensity intermittent exercise on subsequent ad libitum fluid intake |
| R11-P46 | Effect of Fatigue, Warm Up and Bilateral Actions on Explosive Neuromuscular Performance |
| R11-P47 | The acute angiogenic response to low load resistance exercise with and without blood flow restriction |
| R11-P48 | Skeletal muscle and peripheral vascular function following short-term resistance exercise training with blood flow restriction |
| R11-P49 | Reflections on the Implementation of Personal Learning and Thinking Skills through Sport Education in Physical Education |
| R11-P50 | Boys' achievement in subjects requiring practical skills: A case study of practical curriculum areas with a particular focus on Physical Education |
| R11-P51 | All-boys Independent School Pupils' and Teachers' Opinions on Physical Education: Can the Application of Value Orientations Help Physical Education to Make a Difference? |
| R11-P52 | This study aims to investigate the potential of a Sport Education - Teaching Games for Understanding hybrid model in developing Personal, Learning and Thinking Skills within the context of socially and economically deprived pupils |
| R11-P53 | Evaluation of a Relaxation and Stress Management Programme for those Affected by Cancer |
| R11-P54 | Investigating the effects of an online integrated theory-based intervention to reduce alcohol drinking in excess of guideline limits amongst a student population |
| R11-P55 | An Investigation into the Effects of Sport Education on Pupil Alienation in Physical Education |
| R11-P56 | The effect of social comparisons on children's emotions and engagement in PE |
| R11-P57 | Changes in amotivation dimensions among Physical Education students in a unit of work |
| R11-P58 | Influence of short bouts of running accumulated throughout a single day on postprandial triacylglycerol concentrations, blood pressure and endothelial function in adolescent males |
| R11-P59 | Artists' digital moving image and its impact on learning in secondary schools |
| R11-P60 | A Study of Children's Understanding of Sarcasm and Irony |
| R11-P61 | Children's embodied social capital and (dis)ability: connecting micro- and macro- scales of exclusion/inclusion |

Generic Proposals

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| G11-P1 | Shape-Strain Measurement and Instrumentation of Human Feet & Athletic Footwear during Dynamic Real Time Human Motion |
| G10-P10 | Regional sensitivity to a cold and warm stimulus over the body surface |
| G10-P9 | Observations of family mealtimes |
| G10-P8 | Quantitative and Qualitative Analysis of a Golfers Technique and Equipment |
| G10-P7 | Chemical profiling of human skin |

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