

STAFF 2000

ACADEMIC STAFF

DEAN

John W. Loy BS(Lewis and Clark) MA(Iowa) PhD(Wis)

PROFESSORS

John W. Loy BS(Lewis and Clark) MA(Iowa) PhD(Wis)

David G. Russell MPE(Br Col) MA PhD(Mich) MAPsS MACE FSMNZ

Leslie R.T. Williams DipPhEd(NZ) DipTchg(NZ) DipEd(Auck) AB MA
PhD(Berkeley)

SENIOR LECTURERS

J. Greg Anson DipPhEd(Otago) MSc(Wyoming) PhD(Penn State)

Douglas G. Booth BSc(Melb) MSc(Natal) PhD(Macq)

Kenneth P. Hodge DipPhEd(Otago) MSc(Montana) PhD(Ill)

Steven J. Jackson BA(W Ont) MSc PhD(Ill)

Alexander D. McKenzie BPhEd BA(Otago) MA PhD(Vic BC)

Gordon Sleivert BSc MA PhD(Vic BC)

Rex W. Thomson DipPhEd(Otago) MSc(Montana) PhD(Alta)

Barry D. Wilson BSc(Otago) MSc(S Fraser) PhD(Iowa)

LECTURERS

Richard J. Batty MSc PhD(Penn State) PGDip BPR&TN(Lincoln)

Michael A. Boyes MEd(PE)(W Aust) BEd DipTchg(Massey) PhD(Otago)

Ralph Buck MA(Dance St)(Surrey) BEd(Newcastle CAE)

Lisette Burrows BPhEd BA DipArts(Otago) DipTchg(ChCh) PhD(W'gong)

Tania G. Cassidy MPhEd DipGrad DipPhEd(Otago) DipTchg(ChCh)

Philip J. Handcock BPhEd(Otago) MSc(Alta)

Robyn L. Jones BSc MA(Wales) PhD(Southern Mississippi)

Motohide Miyahara BA(Ritsumeiken) MA(Antioch) MEd(Tokyo) MSc PhD(UCLA)

Nancy Rehrer BA(Duke) MSc(Clemson) PhD(Limburg)

Toshimasa Yanai BSc(Chukyo) MSc(Indiana) PhD(Iowa)

RESEARCH FELLOW

Noela C. Wilson DipPhEd(Otago) MSc(S Fraser) PhD(Iowa)

SENIOR TEACHING FELLOWS

Alison East DipPhEd (Otago)

John Maxted BPhEd (Otago) Dip Tchg(Auckland) MA(Alberta)

TEACHING FELLOWS

Carolyn Jenkins BPhEd (Otago)

Lynette M Jones BSc BPhEd (Otago)

Annemarie Jutel Infirmière diplômé d'état(Nantes) BPhEd(Hons)(Otago)

Marguerita Lazar MA (Otago)

Pam Ponc BHK(Windsor) MHK (Windsor)

TEACHING ASSISTANTS

Melanie Bussey BPE MSc(New Brunswick)

Hillary Chisholm Dip Outdoor Rec.& Leadership (AIT)

Brendan Hoko BPhEd(Otago) MA(Vic BC)

Andrew Keene BPhEd (Otago)

Ali Mohagheghi BSc (Shiraz) MSc (Tehran)

Robert Nicholson BCom DipEd(Melbourne) BAppSci(Canberra) MHK(Windsor)

Bruce Pinel BA(Hons)(Vic BC) MA(Alberta)

Andrew Reid BPhEd(Hons)(Otago)

Stephen Rickerby BREP(Hons)(Massey)

Michael Silk BA(Hons)(Southampton) MA(Alberta)

Jay Scherer MHK (Windsor, Ont.) BA (London, Ont.)

Damian Wiseman BPhEd BSc PGDipSpMed (Otago)

GENERAL STAFF

TECHNICAL STAFF

| | |
|----------------------------|---|
| Laboratory Team Manager | Diana Wilson DipSpSt(Otago) |
| Laboratory Technicians | Robyn Bell Dip MLT Chris Rudman BSc(Canterbury) Helen Cooper NZCS, Frances van Eerten |
| Computer Manager | Chris Sullivan BCom(Otago) |
| Computer Support Person | Hamish Gould BCom(Otago) |
| Computer Programmer | Jamie Plowman BSc(Macquarie) AssDipEng |
| Electronics Technician | Nigel Barrett NZCE Doug Graham RTC |
| Mechanical & Practicals | |
| Support Team Manager | Ron Caley NZCS NZCE |
| Outdoor Education Tech. | Nick Beharrell |
| Outdoor & Mechanical Tech. | Neil George NZCS |

ADMINISTRATIVE AND CLERICAL STAFF

| | |
|--------------------------|--|
| School Administrator | Helen Carman NZCTP |
| Administrative Assistant | Stephen Kinney |
| Sports Studies Admin. | Beverley Lawrence BA(Hons) (Herts) DipMgt DipTchg |
| Secretary to the Dean | Maureen Stout |
| Clerical Assistants | Sandra Newton Diane Steffens |

MOVEMENT DEVELOPMENT CLINIC

| | |
|-----------|-----------------------|
| Secretary | Lorraine Bartlett TTC |
|-----------|-----------------------|

LINZ[®] ACTIVITY & HEALTH RESEARCH UNIT

| | |
|--------------------|--|
| Director | David G. Russell MPE(Br Col) MA PhD(Mich) MAPs S MACE FSMNZ |
| Research Fellow | Noela C. Wilson DipPhEd(Otago) MSc(S Fraser) PhD(Iowa) |
| Computer Scientist | Charles W. Blakey BEng(Trent) |
| Secretary | Maureen Foster |

HUMAN PERFORMANCE CENTRE

| | |
|---------------|--|
| Director | Gordon Sleivert BSc MA PhD(Vic BC) |
| Manager | Alan Walmsley BSc(Hons)(Hull) MSc PhD(Otago) MNZIP MIMC |
| Secretary | Mary McGuire |
| Support Staff | Mark Campbell, BPhEd BSc (Otago) Megan Harlick, BPhEd (Otago) David Pease, BS (S.Cal) MS (Col) |

PUBLICATIONS

BOOKS

- Booth, D., & Tatz, C. (2000). *One-Eyed: A View of Australian Sport*, Sydney, Allen & Unwin, 262 p, ISBN 1-86508-055-1.
- Hodge, K.P. (2000). *Sports Thoughts: Inspiration and Motivation for Sport*, Auckland, Reed Books, 87 p, ISBN 0-7900-0760-6.
- Jones, R.L.& Armour, K.M. (2000). (Eds) *The sociology of sport: Theory and practice*, London, Addison Wesley Longman, 230 p, ISBN 0582-41912-3.
- McKenzie, A., Hodge, K. & Sleivert, G. (2000). (Eds) *Smart training for rugby: The complete training guide for rugby players and coaches*. Auckland, Reed, 242p ISBN 0-7900-071-5.

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- Anson, J.G. & Mawston, (2000). G.A. Patterns of muscle activation in simple reaction time tasks. In D.J.Weeks, R.Chuapund, D.Elliott (Eds). *Perceptual Motor Behavior in Down Syndrome*. Human Kinetics, Champaign, Illinois, pp 3-24.
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- Booth, D. (2000). Modern Sport: Emergence and Experiences. In C. Collins (Ed.). *Sport and Leisure in New Zealand*. Palmerston North: Dunmore Press pp 45-63.
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- Hodge, K.P. (2000). Mental Toughness Training for Rugby. In NZRFU, *Advanced Coaching Course Manual* Wellington, New Zealand Rugby Football Union Coaching Publications. 20 pages.
- Hodge, K. & McKenzie, A. (2000). Peak Performance Profile. In *Smart Training for Rugby: The Complete Rugby Training Guide*. In A. McKenzie, K. Hodge & G. Sleivert (Eds) Auckland, Reed. pp. 13-23.
- Hodge, K. & McKenzie, A. (2000). Goal Setting. In *Smart Training for Rugby: The Complete Rugby Training Guide*. In A. McKenzie, K. Hodge & G. Sleivert (Eds.). Auckland, Reed. (pp. 24-36).
- Jackson, S. J., & McKenzie, A. D. (2000). Sport and violence in New Zealand. In C. Collins (Ed.), *Sport in New Zealand society*. Palmerston North: Dunmore Press. pp. 153-170.
- Jones, R.L. (2000). Towards a sociology of coaching. In R.L. Jones & K.M. Armour (Eds). *The sociology of sport: Theory and practice*. London: Addison Wesley Longman. pp 33-43.
- Loy, J. & Booth, D. Functionalism, Sport and Society.(2000). In E. Dunning & J. Coakley (Eds.). *The Handbook of Sport and Society*. London: Sage, pp. 8-27.
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- McKenzie, A. Hodge, K.P. & Sleivert, G. (2000). Introduction to Smart Rugby. In *Smart Training for Rugby: The Complete Rugby Training Guide* In A. McKenzie, K. Hodge & G. Sleivert (Eds) Auckland, Reed. pp. 7-12.
- Miyahara, M. (1999). Clumsiness: Problems in interpersonal relationship and movement. in T. Sugiyama & M. Tsujii (Eds.) *High Functioning Pervasive Developmental Disorder*, Tokyo: Brain Publishing Co. [Japanese] pp.93-100. ISBN 4-89242-635-0.
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Tristram, K. & Batty, R.J. (2000). Assessing the Academy “Boom.” *New Zealand Physical Educator*, Vol. 2, No. 4, Spring, pp.16-17.

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PROCEEDINGS

Munro, C. a.Y., & Yanai, T. (2000). Forces on the lower back during rowing performance in a single scull. *Proceedings of the XVIII International Symposium on Biomechanics in Sports*. Hong Kong, China, pp 186-189. [962-8077-42-2]

Ruiz, L. M., Graupera, J. L., Guitiérrez, M., Miyahara, M. (2000). General motor competence: A comparative study of coordination between Spain, Japan and North America.. In J. P. F. Garía & M. M. Garía (Eds.). *Congreso de la Asociación Española de Ciencias de Deporte*. Volumen II. Facultad de Ciencias del Deporte. Universidad de Extremadura. Spain, pp. 137-140.

Yanai, T. (2000). Buoyancy: The primary source of bodyroll in front crawl swimming. *Proceedings of the XVIII International Symposium on Biomechanics in Sports*. Hong Kong, China, pp 106-110. [962-8077-42-2]

KEYNOTE AND OTHER INVITED ADDRESSES AND PRESENTATIONS

- Batty, R. J., Sam, M., & Scherer, J. *A collaborative approach to research: A case study of the Dunedin Sports Club Assistance Programme*. Sixth Annual Conference of the Sport Management Association of Australia and New Zealand, Hamilton, New Zealand. November, 2000.
- Batty, R.J., Sam, M., Cosgrove, A., Cass, N., & Hanlon, C. *The future of club sport in New Zealand*. Sixth Annual Conference of the Sport Management Association of Australia and New Zealand, Hamilton, New Zealand, November, 2000.
- Batty, R. J. *The use of evaluability assessment in the evaluation of sport programs for children and youth: A case study*. Third International Sport Management Alliance Conference, Sydney, Australia, January, 2000.
- Brewer, C., Jones, R.L., & Potrac, P. (2000). Achieving validity and reliability within systematic observation: A suggested process. Paper presented at the Pre-Olympic Congress, 7-13th September, Brisbane, Australia.
- Brewer, C., Jones, R.L., & Potrac, P. (2000). The coach/player interface in top-level English rugby union: A case study. Paper presented at the Pre-Olympic Congress, 7-13th September, Brisbane, Australia.
- Burrows, L. Smithells Memorial Lecture: Fictions, frictions and factions: Constructing the child in school physical education. Presented at Physical Education New Zealand international conference, Wellington, New Zealand July 2000.
- Handcock, P.J., Hurley, R., Chiet, A. *The Reliability of Using a Reaction System to Assess Directional Movement Ability (Agility)*. Annual Sport Science and Coaching Conference, Wellington, New Zealand 27-29 October 2000.
- Hodge, K. & N. McCarroll. *Training Motivation in Elite Rugby: The Fitness Trainers' Perspective*. Presented at the 2000 Conference of the Association for the Advancement of Applied Sport Psychology (AAASP), Nashville, USA. (2000).

- Heke I., & Hodge, K. Nga Hokowhitu o te Toru Mano: Naa te tarukino ki te taakaro whakaora ma ngaa Rangatahi Maori (Warriors of the Third Millennium: Designing a Sporting Intervention to Address Alcohol and Substance Abuse in Adolescent Maori). Presented at the 2000 Conference of the *Association for the Advancement of Applied Sport Psychology (AAASP)*, Nashville, USA. (2000).
- Jackson, S. J. (2000). *Marketing Mana: The commodification of the New Zealand All Black's 'haka'*, Paper presented at the annual conference of the North American Society for the Sociology of Sport Conference, Colorado Springs, Colorado, November 8-11.
- Jackson, S.J. (2000). *Sport, Globalization & Advertising: Social policy and cultural resistance in New Zealand*. Invited faculty seminar, Kobe University, Japan, 18 October.
- Jackson, S.J. (2000). *Globalization & Sport*. Invited seminar, Shiga University, Japan, 14 October.
- Jones, R.L. (2000). Developing an integrated coach education programme: The case for problem-based learning. Paper presented at the Pre-Olympic Congress, 7-13th September, Brisbane, Australia.
- Pinel, B., McKenzie, A.D., and Hodge, K.P. Enjoymentprofiling: Positive changes over time for young soccer players *Sport Science New Zealand Conference* (2000).
- Pinel, B., McKenzie, A.D., and Hodge, K.P. Enjoymentprofiling: Positive changes over time. *Association for the Advancement of Applied Sport Psychology Conference* (2000).
- Potrac, P., Jones, R.L., Armour, K, & Brewer, C. (2000). Towards an holistic understanding of the instructional process: A case study of an expert English soccer coach. Paper presented at the PreOlympic Congress, 7-13th September, Brisbane, Australia.
- Russell, D.G. *Changing public health policy: A New Zealand case study – Physical Activity*. Analysis, Interpretation, and Use of Complex Social and Behavioral Surveillance Data: Looking Back in order to Go Forward Conference, Department of Health & Human Services, Public Health Service, Centers for Disease Control and Prevention (CDC), Savannah, GA, 14-16 June, 2000.

- Russell, D.G. *Physical activity in public health*. Department of Public Health and Epidemiology, Wales College of Medicine, Cardiff, Wales 22 June, 2000.
- Russell, D.G. *Sources of Commitment: Lessons for business from a relatively successful rugby team*. School of Business, Cardiff University, Wales, 23 June, 2000.
- Russell, D.G., Scanlan, T.K. & Beals K.P. *Project on Elite Athlete Commitment (PEAK): Athletes speak to the Sport Commitment Model (SCM)*. Association for the Advancement of Applied Sport Psychology, Nashville, TN, 18-21 October, 2000.
- Wilson, N.C., Wilson, B.D., Parnell, W.R. & Russell, D.G. *Are New Zealanders in energy balance?* 2000 Pre-Olympic Congress International Congress on Sport Science Sports Medicine and Physical Education, Brisbane, Australia, 7-12 September, 2000.
- Wilson, B.D., Wilson, N.C. & Russell, D.G. *Body size and shape of New Zealanders: A health risk?* Paper presented at the 2000 Pre-Olympic Congress International congress on Sport Science Sports Medicine and Physical Education, Brisbane, Australia, 7-12 September, 2000
- Wilson, N.C., Parnell, W.R., Mainvil, L.A. & Russell, D.G. *Maintaining the quality of data collection in a national survey: The New Zealand experience*. The Fourth International Conference on Dietary Assessment Methods, Tucson, Arizona USA, 17-20 September, 2000.
- Wilson, N.C., Wilson, N.C. & Russell, D.G. *Netball: Knowledge, attitudes & behaviour about sports injury prevention & treatment*. Sports Medicine New Zealand Inc. Annual Conference, Napier, New Zealand, 2-4 November, 2000.

POSTERS

- Parnell WR, Blakey CW, Wilson NC & Russell DG. *Electronic data capture of dietary information*. The Fourth International Conference on Dietary Assessment Methods, Tucson, Arizona USA, September 17-20, 2000,
- Wilson BD, Wilson NC & Russell DG. *Quality control of anthropometric data in a national survey*. 2000 Pre-Olympic Congress International congress on Sport Science Sports Medicine and Physical Education, Brisbane, Australia, September 7-12, 2000,

REPORTS

- Boyes, M A., & Maxted, J.(2000). *Outward Bound Solo Review Report*. A report to Outward Bound Trust Board and Management. School of Physical Education, University of Otago. Dunedin. 48 pp.
- Boyes, M A., & Maxted, J. (2000). *New Zealand Outdoor Instructors Association Membership Survey 2000*. A report to NZOIA Executive. School of Physical Education, University of Otago. Dunedin. 45 pp
- Wilson, N.C. & Russell, D.G. (2000). *Satisfaction survey on Sport Science Support Services in New Zealand sport*. A report to Sport Science NZ. Report No. 2000.100, LINZ[®] Activity & Health Research Unit, Dunedin, New Zealand: University of Otago, 173 pp.
- Wilson, N.C. et al. (2000). *Sugar intake*. A report to Sanitarium NZ Ltd. Report No. 2000:103, LINZ[®] Activity & Health Research Unit, Dunedin, New Zealand: University of Otago, 35 pp.
- Wilson NC, Bird Y, Blakey CW and Russell DG. (2000). *2000 Update. Key generic sports injury prevention: Knowledge attitudes & behaviour*. A report to ACC Injury Prevention. Report No. 2000.104, LINZ[®] Activity & Health Research Unit, Dunedin, New Zealand: University of Otago, 103 pp.
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EDITORIAL

- Anson, J.G. Associate editor, *Exercise and Sport Science Reviews*.
- Anson, J.G. Consulting editor, *Journal of Motor Behavior*.
- Anson, J.G. Editor, Abstracts, Australasian Winter Conference for Brain Research (*International Journal of Neuroscience*).
- Anson, J.G. Editorial board member, *Human Movement Science*.
- Anson, J.G. Editorial board member, *Psychology of Sport and Exercise*.
- Booth, D. Book Reviews editor, *International Sports Studies*
- Booth, D. Member, Editorial Board, *International Journal of the History of Sport*
- Booth, D. Member, Editorial Board, *Sporting Traditions*
- Booth, D. Member, Editorial Board, *Journal of Sport History*
- Booth, D. Member, Editorial Board, *Olympika*
- Booth, D. Member, Editorial Board, *Football Studies*
- Booth, D. Member, Editorial Board, *Sport History Review*
- Hodge, K.P. Member, Editorial Board, *Psychology of Sport & Exercise*
- Hodge, K.P. Guest Reviewer, *The Sport Psychologist*
- Hodge, K.P. Guest Reviewer, *Journal of Sports Sciences*
- Jackson, S.J. Member, Editorial Board, *Sociology of Sport Journal*
- Jackson, S.J. Reviewer, *International Journal of Sport Marketing and Sponsorship*
- Jones, R.L. Guest Reviewer, *Women in Sport and Physical Activity*

- Jones, R.L. Editor, *Sociology of Sport On-line*
- McKenzie, A.D. Guest Reviewer, *Journal of Aging and Physical Activity*
- Miyahara, M. Editorial board member, *New Zealand Journal of Disability Studies*
- Miyahara, M. Editor, *Learning from Individual Movement Development: 50th Anniversary of Movement Development Clinic*. Dunedin: Movement Development Clinic. ISBN 1-877139-27-0.
- Rehrer, N.J. Reviewer, *Medicine Science Exercise & Sports*
Reviewer, *International Journal of Sports Medicine*
Reviewer, *The British Journal of Sports Medicine*
Reviewer, *European Journal of Applied Physiology*
Reviewer, *Journal of Sports Science*
Reviewer, *Journal of Applied Physiology*
Reviewer, *Sports Medicine*
Reviewer, *Journal of Physiology*
Reviewer, *NZ Journal of Sports Medicine*

CURRENT RESEARCH

Dr J.G. Anson

Current research projects include: (i) The influence of movement precuing and memorisation on motor preparation and fractionated reaction time; (ii) Effects of visual feedback and task difficulty on human performance and simple reaction time; (iii) Central and peripheral mechanisms of fatigue and their effects on neuromotor control; (iv) The influence of stroke (hemiplegia) on performance of reaching as measured by kinematics and electromyography, and (v) Use of electroencephalography to investigate changes in brain activity associated with movement precuing and reaction time.

Major Research Interests:

Neural mechanisms of motor control and memory, particularly those associated with the anatomical, physiological and psychological aspects of reaction time in humans. This interest is pursued in collaboration with honours and postgraduate students at the University of Otago and with: Dr Brian Hyland (Physiology), Associate Professor Jeff Wickens (Anatomy and Structural Biology), and Dr Liz Nichols (Emory University), Professor Mark Latash (Penn State University), Professor Tatsuya Kasai (Hiroshima University), and Professor Digby Elliott (McMaster University).

Mr R.J. Batty

Current research projects include work on sport marketing and sponsorship, analysis of the local sports club scene in New Zealand, and continuing work on methods for assessing the effectiveness of sport and recreation programmes.

Major research interests

Major research interests focus on aspects of sport organisation and management in New Zealand. In particular the staffing, funding and evaluation of sport and recreation organisations at the national, regional and local levels.

Dr D.G. Booth

My major current research project involves the construction of a typology of historical knowledge used in sports historiography. In evaluating the different forms that sports historiography takes, my principal argument is that the credibility of sports history in the future rests more on changing the 'fan mindset' of its practitioners and broadening the context of sport than on addressing fashionable debates concerning epistemology and ontology.

Major research interests:

My primary research interests cover the study of sport as a form of popular culture with a particular emphasis on political relationships and processes. Within this broad framework, specific areas of investigation have included racism in South African sport, sports policy in Australia, and surfing as an extreme cultural practice.

Dr M.A. Boyes

Current research: Outdoor education – New Zealand perspectives; safety management for children; outdoor recreation participation patterns of Danish and New Zealand tertiary students; outdoor recreation motivation; outdoor adventure decision making; naturalistic decision making.

Major research interests:

Outdoor education and learning; leadership and decision making; risk and safety management.

Dr L. Burrows

Research interests include the social construction of physical education curriculum; the place and meaning of health and physical education curriculum; the place and meaning of health and physical activity in the lives of young people; issues of social justice in the context of school physical education; Gender and sexuality and physical education.

Mr R. Buck

Current PhD research is focusing upon primary school teachers construction of dance education: what helps and hinders the teaching of dance education.

Major research interests:

Major research interest is dance education in the school curriculum. Of particular interest is the tension between curriculum content and classroom practice. Further to this, issues regarding inclusivity, dance and boys, dancing and disabilities and dance policy are areas of interest.

Ms T. Cassidy

Current research projects comprise: (a) a linguistic analysis of what primary school-aged students say about bullying, and: (b) an exploration of the pedagogies adopted by a soccer coach and the meaning his players make of them.

Major research interests:

Primarily my research interest is in the area of pedagogy in physical education generally and teaching education more specifically. I am interested in exploring the intersections between what can be loosely called the “teacher”, “learner” and “content” and the social context in which these interactions occur. Also I am interested in physical education curriculum histories, politics and policies.

Ms A East

Current research: Development of a model for an ecological approach to teaching choreography, i.e. Eco-choreography. Taking an ecological approach to choreography means understanding one’s relationship to self, ones role within the group and one’s relationship to the environment and to the planet. Any good teaching is based on a principle of relatedness.

Major research interests:

Investigation into an ecological approach to the teaching and practice of choreography; exploring an approach to teaching and learning within the University which I am calling Intuitive Movement Practice (IMP). This method uses an integration of visual metaphor, spontaneous physical activity and reflective discussion and writing to teach broader life concepts; cross-disciplinary performance as a form of academic meeting.

Mr P.J. Handcock

Current research projects: Modulation of the Hreflex during the stretch-shortening cycle; Kinematic and EMG patterns during posterior to anterior stepping cycles; Functional training programmes to prevent knee injury.

Major research interests:

Exercise rehabilitation of musculoskeletal injury; Injury prevention interventions; Exercise prescription in clinical settings - particularly practical strategies for behavioural change and exercise adherence.

Dr K.P. Hodge

Sport and LifeSkill Development. In conjunction with Prof Steve Danish (Virginia Commonwealth University, USA) I am involved in the development of a NZ version of the ‘GOAL LifeSkills Programme’ and a line of research investigating the effects of the GOAL Programme on psychosocial development. We recently published a book chapter and we have a second book chapter in preparation.

Motivational Orientations in Sport. In conjunction with Prof Linda Petlichkoff (Boise State University, USA), and Prof Lew Hardy (University of Wales, UK) I

am involved in the development of a conceptual model and a line of research investigating ‘motivational orientations’ in sport. We are planning a series of collaborative studies examining goal orientations, goal climates, and goal states in sport. We had one paper published in 2000.

Dr S. Jackson

Current research project examines global sport, advertising and social policy.

Major research interests:

Research interests include the socio-cultural examination of sport related to the following areas: globalisation, national identity, media, advertising and violence.

Dr R. Jones

I am presently co-authoring a book, based on in-depth interviews with elite coaches, which explores their values and philosophies, and how these are manifest in practice. Other current projects include constructing a case study on the life-history of a successful coach, and of expressing coaches’ ‘stories’ and experiences through alternative research genres, such as narratives.

Major research interests:

Perceiving the need to develop a more holistic understanding of the processes involved in becoming successful in sport, I am presently involved in developing a path towards a sociological analysis of coaching. This involves the use of ethnography and life-history research methods with the resulting data being analysed principally in terms of the sociological constructs of power, knowledge, role and interaction.

Dr A.D. McKenzie

Current research projects include: (a) Rugby, gender and cultural safety, (b) Motivational climate and peak performance, (c) Enjoyment in youth sport.

Major research interests:

Sport and exercise psychology; aggression & violence in sport; psychological aspects of youth sport; psychological Skills Training

Mr J Maxted

Current research interests include: outdoor environmental education; experience and fun in the learning process; participatory ethnographic research.

Major research interest:

Wilderness solitude.

Dr M. Miyahara

Current research projects include: (a). Functional Asymmetry of Facial Affect Recognition in Autism of Asperger's Type; (b) An Interview Study of Disabled Skiers' Beliefs about their Participation Motivation: Implications for Recruitment Strategies and Support Structure

Major research interests:

- 1. Comorbid conditions of developmental coordination disorder and dyspraxia with other developmental disorders, such as autistic disorder, attention deficit hyperactive disorder, specific learning disorder, and dementia of Alzheimer type.*
- 2. Participation motivation in disability sports (e.g., wheelchair rugby, disabled snowsports)*

Dr N. Rehrer

Current research projects include work with ¹³C isotopically labelled glucose to assess substrate metabolism during exercise, research conducted to evaluate fluid and electrolyte balance during exercise, and dietary needs during ultra-endurance exercise. I am also involved with projects looking at the physiology of rugby union play and determinants of recovery.

Major research interests:

Fluid and electrolyte balance during exercise.

Substrate metabolism during exercise

Gastrointestinal function and exercise

Professor D.G. Russell

Ongoing analysis of National Nutrition Survey database. This database includes information on food and nutrient intakes, dietary habits, anthropometry and blood pressure.

Global health monitoring strategies and implementation in association with colleagues in Australia, Europe and North America.

PEAK Project (Project on Elite Athlete Commitment): Work continued on this project in collaboration with Professor Tara Scanlan (UCLA) and extends the Scanlan Model of Sport Commitment by studying elite international athletes. Data re in-depth interviews with amateur All Black and Silver Ferns and, more recently with professional All Black players.

Dr R.W. Thomson

The analysis of adolescent culture in New Zealand, including the place and relevance of physical activity and sport within youth culture.

Cross-cultural studies of youth participation in collaboration with Associate Professor Istvan Soos, University of Pecs, Hungary.

Research on hegemonic masculinity and the "Kiwi Bloke" - an analysis of historical and contemporary images of masculinity in New Zealand, with Justin Sim.

A collaborative project investigating rugby, gender, and cultural safety with Dr A.D. McKenzie (project leader) and Dr S. Jackson.

Dr B.D. Wilson (99)

Recent projects in biomechanics/movement description and analysis include funded studies for New Zealand swimming, parafe (disabled swimming), rugby and netball. Current projects include technique analysis and analysis of drag in swimming. Recent graduate project supervision includes: 3D kinematic analyses in golf, badminton and swimming and analysis of joint forces and torques in sport and industry.

Present Projects in ergonomics' human factors are in work place analyses to reduce mechanical stresses. Graduate project supervision is in intervention strategies for injury prevention in sport and industry. Occasional consultation work in industrial task analysis and workplace design.

Dr N.C. Wilson

Ongoing analysis of the 1997 National Nutrition Survey and NZ Health Survey databases. These databases includes information physical activity levels, food and nutrient intakes, dietary habits, supplement use, anthropometry and blood pressure.

Injury Prevention: Development of resources for injury prevention and monitoring the impact of such resources.

Dr T. Yanai

At present, I am working on a new algorithm that takes into account the effect of refraction so that three dimensional space in water can be calibrated accurately for video-based analysis. The solution for this problem requires an intense computer programming for optimizing a system of non-linear equations with multiple constraints. Upon the completion of the calibration problem, an analysis of butterfly technique will be initiated. In particular, (a) shoulder joint kinematics and its

possible influence to shoulder pain, and (b) effect of buoyancy on the oscillatory angular movements of the swimmer, will be studied.

Major research interests:

My expertise is centered on two areas: (a) Three-dimensional reconstruction of human body movements recorded by video/movie cameras, and (b) the application of the Newton-Euler equations to explore the mechanical causes of human body movements and injuries. The research line is consistent with these expertise areas, applied for the analysis of swimming techniques.

TEACHING AREAS

| | |
|-----------------|---|
| Dr J.G. Anson | Motor Control and Learning |
| Dr R.J.Batty | Sport Organisation and Sport Management |
| Dr D Booth | History of Sport |
| Dr M Boyes | Outdoor Education, Adventure Education |
| Mr R Buck | Dance Education, Community Dance, Contemporary Dance |
| Dr L Burrows | Issues in Health & Physical Education; Physical Education Curriculum; Analysis of Teaching and Foundations of Physical Education. |
| Dr T Cassidy | Pedagogy |
| Ms A East | Elements of Dance – Fundamentals; Contemporary Dance History & Issues; Dance & Environment; Dance & Gymnastics |
| Mr P Handcock | Exercise Prescription/Exercise Rehabilitation |
| Dr K Hodge | Sport & Exercise Psychology |
| Dr S Jackson | Sociology of Sport |
| Ms C Jenkins | Exercise Prescription |
| Ms L Jones | Sports Medicine |
| Dr R Jones | Sports Coaching |
| Prof J Loy | Body, Culture & Society, Research Seminar |
| Dr A McKenzie | Psychology of Sport and Exercise; Foundations of Physical Education. |
| Mr J Maxted | Adventure Education; Outdoor Education |
| Dr M Miyahara | Motor Development, Adapted Physical Activity |
| Dr N Rehrer | Exercise Physiology, Exercise Metabolism, Sports Nutrition. |
| Dr G Sleivert | Exercise Physiology |
| Dr R Thompson | Sociology of Sport |
| Prof D Russell | Physical Activity & Health |
| Prof L Williams | Motor Control |
| Dr B Wilson | Biomechanics |
| Dr N Wilson | Physical Activity & Health |
| Dr T Yanai | Biomechanics |

PUBLICATIONS WHICH ILLUSTRATE AREA OF EXPERTISE

Dr J.G. Anson

Anson, J.G. & Mawston, (2000). G.A. Patterns of muscle activation in simple reaction time tasks. In D.J.Weeks, R.Chuapund, D.Elliott (Eds).*Perceptual Motor Behavior in Down Syndrome*. Human Kinetics, Champaign, Illinois, pp 3-24.

Anson, J.G., Hyland, B.I., Kötter, R. & Wickens, J. (2000). Parameter precuing and motor preparation. *Motor Control*, 4: 221-231.

Dr R.J. Batty

Batty, R. J. & Klap, A. Event Management. In L. Trenberth & C. Collins (Eds). *Sport business management in New Zealand*. (pp. 259-274). Palmerston North: Dunmore Press (1999).

Dr D Booth

Booth, D. (1998). *The Race Game: Sport and Politics in South Africa*, Frank Cass: London.

Booth, D., & Tatz, C. (2000). *One-Eyed: A View of Australian Sport*, Allen & Unwin: Sydney.

Dr M Boyes

Boyes, M.A. (2000). The place of outdoor education in the Health and Physical education curriculum. *Journal of Physical Education New Zealand*, 33(2) 75-88.

Boyes, M.A., & Maxted, J. (2000). *Outward Bound Solo Review Report*. A report to Outward Bound Trust Board and Management. School of Physical Education, University of Otago, Dunedin. 48 pp.

Mr R Buck

Buck, R. (2000) So, do I need to bring my tutu? Teachers'Constructions of Dance Education. In J. Le Drew and H. Ritenburg (Eds).*Proceedings of the Dance and the Child International Conference*, Regina, Canada. pp 49-54.

Dr T Cassidy

Rossi, T. & Cassidy, T. (1999) Knowledgeable teachers in physical education: A view of teachers' knowledge. In C. Hardy & M. Mawer (Eds). Learning and teaching in physical education. Lewes: Falmer Press, pp 188-202.

Cassidy, T. (1995). Politics, Policies and Physical Education: New Right Reforms. In J. Nauright (Ed). Sport, power and society in New Zealand: Historical and contemporary perspectives. Sydney: The Australian Society for Sports History, pp 95-112.

Mr P Handcock

Quarrie, K.L., Handcock, P., Toomey, M.J. & Waller, A.E. (1996). The New Zealand rugby injury and performance project. IV. Anthropometric and physical performance comparisons between positional categories of senior A rugby players. *British Journal of Sports Medicine*, 30(1), 53-56.

Handcock, P., Williams, L.R.T., Sullivan, S.J. (2000). The reliability of H-reflex recordings in standing subjects. *Electromyography and Clinical Neurophysiology* 40(8)1-3.

Dr K Hodge

Hodge, K.P. & Danish, S. (1999). Promoting life skills for adolescent males through sport. In A Horne & MN. Kiselica. (Eds.) *Handbook of counselling boys and adolescent males*. Thousand Oaks: Sage. pp 55-71.

Hodge, K.P. & Petlichkoff, L.M. (2000). Goal profiles in sport motivation: A cluster analysis. *Journal of Sport & Exercise Psychology*, 22, 256-272.

Dr S Jackson

Jackson, S.J. and Andrews, D.L. (1999). Between and Beyond the Global and the Local: American popular sporting culture in New Zealand. *International Review for the Sociology of Sport*. 34(1), 31-42.

Jackson, S.J. (1998). A Twist of Race: Ben Johnson & The Canadian Crisis of Racial and National Identity. *Sociology of Sport Journal*, 15, 21-40.

Ms L Jones

Jones, L.M., Goulding, A., Gerrard, D.F. (1998). DEXA: A practical and accurate tool to demonstrate total and regional bone loss, lean tissue loss and fat mass gain in paraplegia. *Spinal Cord*, 36(9): 637-640.

Jones, L.M. and Legge, M. (1999). Diabetes and SCI. *Spinal Network News*, 2(3):8.

Dr R Jones

Jones, R.L. (2000). Toward a sociology of coaching. In R.L.Jones & K.M. Armour (Eds). *The sociology of sport: Theory and practice*. London: Addison Wesley Longman, pp 33-43.

Potract, P., Brewer, C., Jones, R.L., Armour, K. & Hoff, J. (2000). Towards an holistic understanding of the coaching process. *Quest*, 52(2), 186-199.

Dr A McKenzie

McKenzie, A. and Hodge, K. (2000). Mental Toughness Training. In *Smart Training for Rugby: The Complete Training Guide for Rugby Players and Coaches*. A. McKenzie, K. Hodge and G. Sleivert eds. Auckland, Reed, 94-131.

Jackson, S.J and McKenzie, A.D. (2000). Sport and violence in New Zealand. In *Sport in New Zealand Society*. C. Collins ed. Palmerston North: Dunmore Press 153-170.

Dr M Miyahara

Miyahara, M., Tsujii, M., Hori, M., Nakanishi, K., Kageyama, H., & Sugiyama, T. (1997). Motor incoordination in children with Asperger's syndrome and learning disabilities. *Journal of Autism and Developmental Disorders*, 22, 595-603.

Miyahara, M. (1999). Developing the construct of participation motivation in wheelchair rugby. In Drouin, Lépine, & Simard (Eds.), *Proceedings of the 11th International Symposium for Adapted Physical Activity: Active Living Differently*, Institut de réadaptation en éficiency physique de Québec: Québec, Canada. pp. 378-392.

Dr N Rehrer

Rehrer, N. J., Wagenmakers, A. J. M., Beckers, E. J., Halliday, D., Leiper, J.B. Brouns, F. Maughan, R. J. Westerterp K. and Saris, W. H. M. (1992). Gastric emptying, intestinal absorption and carbohydrate oxidation during prolonged exercise. *Journal of Applied Physiology* 72 (2): 468-475.

Vrijens, D. M. V. and Rehrer, N. J. (1999). Sodium free fluid ingestion decreases plasma sodium during exercise in the heat. *Journal of Applied Physiology* 86: 1847-1851.

Dr D Russell

Russell, D.G., Parnell, W.R. & Wilson, N.C. (1999). Nutrition trends in New Zealand. *New Zealand Public Health Report*, 6(9): 65-68.

Dr N Wilson

Wilson, N.C., and MacDonald, J. (1994). Sport Science and the Female Athlete. In D.G.Russell & B.D.Wilson (Eds). *Science, Medicine & Sport: Enhancing Athlete Performance*. Dunedin NZ: LINZ Activity & Health Research Unit, University of Otago, pp 141-165. ISBN 0-9583244-1-0.

Dr T Yanai

Yanai, T. and J. G. Hay. (2000). Shoulder impingement in front-crawl swimming II: Analysis of stroking technique. *Medicine and Science in Sports and Exercise*, 32(1), pp 30-40.

Yanai, T., J. G. Hay, & J. T. Gerot. (1996). Three-dimensional videography of swimming with panning periscopes. *Journal of Biomechanics*, 29(5), pp. 673-678.

GRADUATES 2000

PhD

Annemarie Jutel: Visions of vice: Appearance and policy in feminine self scrutiny, 2000 (PhD)

Farrah Palmer: Being Hungus, Hori and Hoha: Maori girls and power relations in school sport, physical education and physical activity, 2000 (PhD)

Mike Silk: Reconstructing meanings: The media reproduction of Kuala Lumpur 1998, 2000 (PhD)

MPhEd

Mark Campbell: The effect of isometric resistance training on post-activation potentiation of isometric twitches and dynamic voluntary movements, 2000 (MPhEd)

Glen Caldwell: “Thighs to Die for”: Conceptualising anorexia nervosa as a culturally constructed way of thinking, 2000 (MPhEd)

Andrew Grainger: Globalization, media violence and sports advertising: A critical analysis of social policy and cultural resistance in New Zealand, 2000 (MPhEd)

Christine Ryan: Athletic burnout: Relationship with goal orientations and motivational climate, 2000 (MPhEd)

Jonathan Peake: Activation and fatigue of leg muscles during prolonged rowing, 2000 (MPhEd)

Megan Harlick: Parental influence in youth sport: Effects on athletic burnout, 2000 (MPhEd)

Graham Lowe: The influence of assisted and resisted sprint training on sprint running performance, 2000 (MPhEd)

David Liow: Velocity specificity of heavy weight training for kayak sprint performance, 2000 (MPhEd)

PGDip

Inglis, Mark. *The energy demands of the two rescue board paddling techniques used by surf lifesavers*. Supervisor – Toshimasa Yanai. Distinction.

Longley, Alys. *Embodying Your Language: A study of the embodied experience of learning through and from the moving body by integrating Dance Poetry, and Somatics in a workshop context*. Supervisor – Ralph Buck. Distinction.

McDonald, Stewart. Supervisor – Mike Boyes

Ord, Natasha. *Teacher qualities: An analysis of the qualities that make a 'good' physical education teacher.* Supervisor – Lisette Burrows.

BPhEd (Hons)

Calwell, Alex. *Scarflies: A subcultural analysis.* Supervisor – Rex Thomson.
Second Class, Division I

Elford, Carla. *Dietary intakes and thermoregulatory responses of ultra-endurance athletes during multi-day, multi-sport competition.* Supervisor – Gordon Sleivert. First Class.

Forbes, Sara. *Reliability of the rugby specific fitness test for female club rugby Players.* Supervisor – Will Hopkins. First Class.

Fry, Bridget. *Effect of wetsuits on the energy demand and drag of swimming in male and female triathletes.* Supervisor – Nancy Rehrer. First Class.

Glintmeyer, Nicola. *The lived experience of an elite athlete with an eating disorder.* Supervisor – Alex McKenzie. First Class.

Hearsey, Simon. *Exercise prescription in cardiac rehabilitation: a New Zealand Setting,* Supervisor – Rex Thomson. First Class.

Hight, Darren. *A Kantian analysis of skill & beauty in movement.* Supervisor – Greg Anson. First Class.

Johnstone, Kristan. *Fair play and the perceived legitimacy of aggressive acts.* Supervisor – Alex McKenzie. Second Class, Division I.

Kingma, Mina. *Role models and future aspirations of young New Zealand rugby players.* Supervisor – Alex McKenzie. Second Class, Division I.

Lucas, Samuel. *The effect of body mass on distance-running performance.* Supervisor – Will Hopkins. First Class.

Mahar, Brendan. *The effect of different surfaces on the landing strategy employed in cricket bowling.* Supervisor – Toshimasa Yanai. Second Class, Division I.

Murtagh, Dominic. *Precue continuity and stimulus modality: effects on simple reaction time.* Supervisor – Greg Anson. Second Class, Division I.

Odlin, Paul. *Predictors of sub-maximal physiological strain to flat and incline cycling*. Supervisor – Phil Handcock. First Class.

Tagg, Brendon. *Physical educators' attitudes toward integration of students with disabilities*. Supervisor – Rex Thomson. First Class.

Thompson, Theresa. *Dietary intakes of female rugby players*. Supervisor – Nancy Rehrer, First Class.

Wallace, Amy. *Consumer health information on physical activity and pregnancy: Three case studies*. Supervisor – Motohide Miyahara. Second Class, Division I

External Grants

S.J. Jackson CALT *Internationalisation of the Curriculum*

S.J.Jackson et al Japanese Ministry of Education *International Support Network for the Sociology of Sport*

N.J.Rehrer SSNZ/NZ Dairy Group (\$134,000). *Effect of bovine colostrum supplementation on training, health and performance of distance runners*.

Awards

J.W.Loy Honorary Doctorate, University of Jyvaskyla, Finland.

A.M.Jutel North American Society of Sports History Graduate Essay Prize: *Morality and Medicine: Sylvester Graham's Doctrine of Healthy Living Revisited*

Professional Consultancy

Journal Consultancy

Exercise and Sport Science
Journal of Motor Behavior
International Journal of Neuroscience
Human Movement Science
Psychology of Sport and Exercise
International Sports Studies
International Journal of the History of Sport
Sporting Traditions
Journal of Sport History
Olympika
Football Studies
Sport History Review
The Sport Psychologist
Journal of Sport Sciences
Sociology of Sport Journal
International Journal of Sport Marketing and Sponsorship
Women in Sport and Physical Activity
Sociology of Sport On-line
Journal of Aging and Physical Activity
New Zealand Journal of Disability Studies
Medicine Science Exercise & Sports
International Journal of Sports Medicine
The British Journal of Sports Medicine
European Journal of Applied Physiology
Journal of Applied Physiology
Sports Medicine
Journal of Physiology
NZ Journal of Sports Medicine
Outward Bound New Zealand
New Zealand Outdoor Instructors Association

Other Consultancy

(THESE ARE ALL 1999's – do you think they need updating?)

Accident Compensation and
Rehabilitation Corporation
Australia and New Zealand Food
Authority, Australia
Australia Institute of Health and
Welfare, Australia
Centers for Disease Control and
Prevention, USA
Crop and Food Research Ltd
Hillary Commission for Sport,
Fitness and Leisure
Impact Consulting Ltd
Iowa State University, Des Moines,
USA
Ministry for the Environment

Ministry of Health
National Heart Foundation
New Zealand Rugby Football Union
Sport Science New Zealand
Statistics New Zealand
Te Ropu Haora O Pomare, Wellington
School of Medicine
The School of Performing and Screen
Arts, Unitech, Auckland
University of California (Los Angeles),
USA
Waihola District School

School Seminars 2000

23 February

Dr Matthias Baum
University of Padderborn
Germany.
*Medical Attendance and Testing of
the German Field Hockey National
Team.*

24 February

Dr Matthias Baum
University of Padderborn
Germany.
Sport and Immune Function.

10 March

Professor Digby Elliott
William Evans Visiting Fellow
*The Visual Control of Goal-Directed
Upper Limb Movements.*

16 May

Katie Sadleir
Sports Programmes Manager
NZ Sports Foundation
*The Strategic Direction for High
Performance Sport.*

19 May

Keryn Smith
General Manager
Hillary Commission
*The Strategic Direction for New
Zealand Sport.*

7 June

Farah Palmer, School of Physical
Education
*Being hungus, hori, and hoha: Maori
girls and power relations in school
sport, physical education and physical
activity.*

14 July

Dr Nola Wilson, Acting Director,
LINZ Activity & Health Research
Unit.
Updating Life in New Zealand.

9 November

Dr Jim Cotter, Defence Science &
Technology Organisation,
Melbourne,
*Exercise and thermoregulation in the
heat.*

14 November

Professor Tony Hackney
University of North Carolina
Chapel Hill.
*Influence of Estrogen on Muscle
Metabolism during Exercise.*

17 November

Professor William G Herbert,
Chairman of ACSM Clinical Exercise
Physiology Registry Practice Board.
*The ACSM Registered Clinical
Exercise Physiologist and the ACSM
Certified Exercise Specialist. What's
the Difference & How Do We Inform
Those Who Need to Know?*

28 November

Paul Jonson
Senior Lecturer
School of Leisure, Sport and Tourism
University of Technology Sydney.
*Compensation for breaches of
contracts for Leisure Sport and
Tourism.*

29 November

Paul Jonson
Senior Lecturer
School of Leisure, Sport and Tourism
University of Technology Sydney.
*The role of play and enjoyment in
pedagogy.*

18 December

Thom McKenzie
Department of Exercise and
Nutritional Sciences
San Diego State University.
*Effects of School Physical Education
on Longer-term Participation in
Physical Activity.*