

Approved Research Projects at IPC Sanctioned Events / Major Games

year	project title	principal investigator(s)	Affiliations
<i>updated March 2017</i>			
2017 Sao Paolo Youth Parapan American Games	The Paralympic Sport to Disability Children	Ferreira, Mariana Gaviao de Almeida, Jose Julio Tanure Alves, Maria Tanure	Institution Physical Education, State University of Campinas, Brasil
	Pedagogical practice in high performance judo for people with visual impairment: A study with trainers of the American countries	Baia Junior, Arlindo Antonio Gaviao de Almeida, Jose Julio Duarte, Edison Tanure Alves, Maria Tanure Cae Rodrigues, Alba Jara	Institution Physical Education, State University of Campinas, Brasil
2016 Rio Paralympic Games	Redefining Legacy: Enhancing the management of volunteers to maximise the social and economic legacy of volunteer participation in mega sporting events (Stage 4)	Dickson, Tracey	University of Canberra, Australia
	IPC injury and Illness Survey	Derman, Wayne Webborn, Nick Blauwet, Cheri	IPC Medical Committee
	Kinetics and kinematics of indoor rowing: identifying key parameters for closed-loop, electrically assisted rowing in paraplegia.	Vieira, Taian Fernandes de Oliveira, Liliam Botter, Alberto Gastaldi, Laura Pastorelli, Stefano	Universidade Federal do Rio de Janeiro, Brasil Politecnico di Torino, Italy
2015 IPC Alpine Skiing	A critical reassessment of the functional capabilities, impairments and athletic performance of the athletes currently competing in the IPC World Cup alpine skiing	Titulaer, Sandra Harney, Jessica Rees, Leanne Tidswell, Jessica Copic, Neamanja	Rijndam Rehabilitation Centre Rotterdam, Netherlands Tuft University, Medford, MA University of Utah, Salt Lake City, UT University 'Union-Nikola Tesla', Faculty of Sport, Belgrade
	A systematic race course and performance analysis in Paralympic alpine skiing in giant slalom and slalom of the 2014/2015 season	Bruhin, Bjorn Senn, Isabelle	Human Movement Swiss Federal Institute of Technology ,Zurich
2015 Doha IPC World Championships	Participation in physical activity: narratives of Paralympic athletes with disabilities	Derman, Wayne Bantjes, Jason Swartz, Leslie	Institute of Sport and Exercise Medicine, Stellenbosch University, South Africa
2015/16 IPC Sport Season	Validation of the GR-2000 biomarker method for the detection ofGR misuse in Paralympians	Holt, Richard Sonksen, Peter Bohning, Dankmar Cowan, David Nicholls, Adam	University of Southampton
15 Toronto Parapan American Games	Autonomic function as a predictor of cardiovascular performance and its use in Paralympic classification	Krassioukov, Andrei	Department of Medicine, University of British Columbia, Canada
	Leveraging Parasport Events for Sustainable Community Participation: Comparing Integrated and Non-Integrated Events	Misener, Laura	Western University, Canada

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20	Validation of novel visual function tests for use in elite visually impaired athletes (IPC Athletics)	Dalton, Kristina	School of Optometry & Vision Science, University of Waterloo
2014 IPC Nordic Skiing	Development of a sport-specific classification system for athletes with intellectual impairment	Vanlandewijck, Yves Danvind, Jonas	Faculty of Kinesiology and Rehabilitation Sciences, Katholieke Universiteit Leuven, Belgium MidSweden University, Sweden (project initiated by IPC Classification Research & Development Centre, Leuven)
2014 IPC Shooting	Visual Impairment Classification Research Project	Allen, Peter Mint, Joy	Dept of Optometry and Visual Science (Anglia Ruskin University)
2014 IPC Swimming	Development of a sport-specific classification system for athletes with visual impairment	Mann, David	Free University of Amsterdam, Netherlands (project initiated by IPC Classification Research & Development Centre, Amsterdam)
2014 IPC Athletics	Development of a sport-specific classification system for athletes with intellectual impairment	Vanlandewijck, Yves	Faculty of Kinesiology and Rehabilitation Sciences, Katholieke Universiteit Leuven, Belgium (project initiated by IPC Classification Research & Development Centre, Leuven)
Sochi 2014 Paralympic Winter Games	Autonomic assessment as a part of the Paralympic wheelchair athlete's classification	Krassioukov, Andrei	Department of Medicine, University of British Columbia, Canada
	IPC injury and illness survey	Derman, Wayne Webborn, Nick Blauwet, Cheri	IPC Medical Committee
	Redefining Legacy: Enhancing the management of volunteers to maximise the social and economic legacy of volunteer participation in mega sporting events	Dickson, Tracey	University of Canberra, Australia
2013 IPC Shooting	Research on classification for inclusion of clay target shooting among Paralympic sports	Bernardi, Marco	Dipartimento di Fisiologia e Farmacologia "V.Erspamer", Università di Roma "Sapienza", Italy FITAV project, endorsed by the IPC
2013 Montreal IPC Swimming World Championships	the relationship between passive drag and the IPC classification system	Payton, Carl	Department of Exercise & Sport Science, Manchester Metropolitan University, United Kingdom

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IPC Nordic Skiing	Nordic skiing classification project	Linnamo, Vesa Lindinger, Stefan Rapp, Walter	University of Jyvaskyla, Finland Salzburg University, Austria University of Tübingen, Germany
London 2012 Paralympic Games	Autonomic cardiovascular function in spinal-cord injured athletes	Krassioukov, Andrei	Department of Medicine, University of British Columbia, Canada
	Goalball game performance	Morgulec-Adamowicz, Natalia	Jozef Pilsudski University of Physical Education, Warsaw, Poland
	Kinematic Analysis of Paralympic swimmers including drag tests	Payton, Carl Perez Tejero, Javier	Department of Exercise & Sport Science, Manchester Metropolitan University, United Kingdom Faculty of Physical Activity and Sport Sciences, Technical University Madrid, Spain
	Kinematic analysis of long jump in Paralympic athletes	Padulles, Josep Maria	Universidad de Barcelona, Spain
	Experiences of sports volunteers at the 2012 Paralympics	May, Ellie	Leeds Metropolitan University, United Kingdom
	Surveillance of sport injuries and illnesses in Paralympic athletes during the Paralympic Games	Martinez, Jose Oriol	IPC Medical Committee
2011 IPC Athletics	Evaluating the Impact of Neuromusculoskeletal Impairment on Athletic Performance	Tweedy, Sean Vanlandewijck, Yves Abernethy, Bruce	School of Human Movement Studies, University of Queensland, Brisbane, Australia Faculty of Kinesiology and Rehabilitation Sciences, Katholieke Universiteit Leuven, Belgium (project continued as IPC Classification Research & Development Centre, Brisbane)
2010 IPC Swimming	Paralympic swimming classification system – the development of further evidence.	Burkett, Brendan Payton, Carl Malone, Laurie	University of the Sunshine Coast, Brisbane, Australia Department of Exercise & Sport Science, Manchester Metropolitan University, United Kingdom Lakeshore Foundation, Birmingham, USA
Vancouver 2010 Paralympic Winter Games	Field performance of elite ice sledge hockey athletes	Molik, Bartosz Hayrinen, Mikko	Jozef Pilsudski University of Physical Education, Warsaw, Poland KIHU - Research Institute for Olympic Sports, Jyvaskyla, Finland
	Kinematic analysis of the push gesture in elite nordic sit skiers	Gastalda, Laura	Politecnico di Torino, Italy
	Autonomic assessment as part of the wheelchair athlete's classification	Krassioukov, Andrei	Department of Medicine, University of British Columbia, Canada
	Injury surveillance of the Vancouver 2010 Paralympic Games	Webborn, Nick	IPC Sports Science Committee, Sportswise Ltd., United Kingdom
	Redefining legacy: Enhancing the management of volunteers to maximize the social and economic impact of volunteer participation in mega sporting events	Dickson, Tracey	University of Canberra, Australia
2008 IPC Nordic Skiing	Validation of the test-table test for Nordic skiing for functional classification of International paralympics sitski sports participants	Pernot, Dia Lannem, Anne Geers, R Seelen, Harm	St. Laurentius Hospital, Roermond, Netherlands Norwegian School of Sport Sciences Oslo, Norway Rehabilitation Foundation Limburg, the Netherlands
Games	A biomechanical technique analysis of field events (jumps and standing throws) for world level above-and below knee amputees athletes	Nolan, Lee	University College of Physical Education & Sports, Karolinska Institute, Sweden
	Kinematic analysis of seated athletes during throwing events at the 2008 Beijing Paralympic Games	Frossard, Laurent	Queensland University of Technology, Brisbane, Australia

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Beijing 2008 Paralympic	Characteristics and attitudes of spectators attending the Beijing 2008 Paralympic Games	Evaggellinou, Christina	Department of Physical Education and Sport Sciences, Serres, Aristotle University of Thessaloniki, Greece
	Wheeled mobility as an instrument to daily functioning and quality of life among individuals with spinal cord injury	Fliess-Douer, Osnat	Free University of Amsterdam, The Netherlands
	Psychological skills of top athletes with a disability. Measuring the application of important psychological (mental) skills/methods by athletes in several sports	Schliermann, Rainer	Martin Luther University Hallen-Wittenberg, Germany
	WADA Boosting survey	Bhambhani, Yagdes	IPC Sports Science Committee
2006 IPC Athletics World Championships	Kinematic measurements of seated athletes during throwing events at Assen 2006 IPC World Athletics Championships	Frossard, Laurent	Queensland University of Technology, Brisbane, Australia
2006 IPC Athletics World Indoor Championships	Sport performance, functional potential and skill proficiency in track and field events: A biomechanical analysis of the first IPC indoor World Championship	Vanlandewijck, Yves	Department of Rehabilitation Sciences, Katholieke Universiteit Leuven, Belgium
Torino 2006 Paralympic Winter Games	Time motion analysis in Ice Sledge Hockey	Kudlacek, Martin	Faculty of Physical Culture, Palacky University of Olomouc, Czech Republic
	Physiological characteristics of disabled nordic sit-skiers and models of performance	Bernardi, Marco	Comitato Italiano Paralimpico, Italy
	NPC Classification Questionnaire	Jensen, Trish	IPC Classification Committee
	Injury surveillance of the Torino 2006 Paralympic Games	Webborn, Nick	IPC Sports Science Committee