

THE AUSTRALIAN KEY CENTRE IN TRANSPORT MANAGEMENT

ANNUAL REPORT 2010

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THE KEY CENTRE

The **Commonwealth Key Centre of Teaching and Research in Transport Management** is a joint venture between the Institute of Transport and Logistics Studies in the Faculty of Economics and Business at The University of Sydney (ITLS-Sydney) and the Institute of Transport Studies in the Department of Civil Engineering at Monash University, Melbourne (ITS-Monash). The Key Centre was established in 1995; for 15 years the Australian Federal government has continued to recognise it as a centre of excellence in teaching and research in all areas of transport management including supply chain management, transport economics, transport engineering, transport planning, and transport modelling.

OUR CONSTITUTION

The primary object of the Key Centre is to undertake graduate teaching, executive programs, grant and contract research and development in the fields of transport and supply chain management studies. The work of the Key Centre also has the following objectives:

- To provide a focus for University work in areas of transport and logistics management and to establish an ambience attractive to those committed to excellence in graduate transport and logistics management programs and research.
- To collaborate, to the fullest extent possible, with other parties having an interest in transport and logistics management studies and its applications.
- To offer specialised training courses, workshops, short courses and seminars on topics of interest in the area of transport and logistics management.
- To seed the development, in Australia, of innovative ideas in transport and logistics policy and professional practice in which the Key Centre plays a role.

These objectives are achieved by the Key Centre by:-

- developing and offering graduate transport and logistics management programs, industry programs, certificates, executive programs and short courses;
- bringing high quality transport and logistics management programs to people outside Sydney and Melbourne as well as widening the offerings of courses in Melbourne and Sydney through access to courses provided by both ITLS-Sydney and ITS-Monash;
- contributing to Australia's growing participation in the Asia Pacific region in a leadership role in transport and logistics management;
- widening the range of courses available for middle level professional managers in critical areas of transport and logistics management not currently served;
- equipping managers in all disciplines (i.e. , engineering, economics, planning), the small business sector and local government to succeed in the face of technological, economic and institutional change;
- building on the recognised need for stronger links between education of engineers and managers in transport and logistics management;
- undertaking research to develop state-of-the-art management practices and technical methods; and
- transferring the knowledge developed through research to client groups through the Key Centre's publications, workshops, conferences, seminars, and by participation in networks of transport and logistics managers and engineers.

DIRECTOR'S REPORT

2010 marks the 15th year since the Key Centre of Teaching and Research in Transport Management was established; the individual nodes at Monash and Sydney have a much longer independent history. Over this time we have grown to a total complement of approaching 60 staff and with a sensible growth strategy we will be growing some more over the next few years.

The Boards of Advice at each node (chaired by Dr Alastair Stone, ITLS-Sydney and Professor John Stanley, ITS-Monash) met twice in 2010. These boards continue to play a key role in providing important advice and direction to the Key Centre, and I acknowledge the commitment and dedication that Alastair and John bring to their roles. It is with sadness that we report the passing of Len Harper in late 2010, Len was a very active member of the ITLS-Sydney Board.

Success with grants continues including numerous grants won from industry and government. Of particular note is our success in winning two major ARC grants. ITS-Monash won an ARC Linkage Grant to develop a systemic model of powered-2-wheel vehicles to underpin enhanced management of those vehicles in the context of a sustainable transport system. ITLS-Sydney won an ARC-Discovery Project on the assessment of the commuter's willingness to pay a congestion charge under alternative pricing regimes.

ITS-Monash worked closely with Public Transport Safety Victoria and the bus industry to design an approved training course that will provide bus operators with the required competence to operate their bus services to meet regulatory and other compliance requirements of the new Victorian Bus Safety Act. The groundwork completed in 2010 will see the existing Transport Management Course in Bus and Coach Operations progressively replaced by the Safety Management Course for Bus Operators starting from 2011. This smooth transition reflects the close partnership developed, over more than a decade, which has seen the Key Centre play an on-going role in the delivery of education programs to meet the needs of the bus and coach industry. ITLS-Sydney developed a series of innovative executive courses partnering with the Logistics Association of Australia. We ran two courses in retail logistics and humanitarian logistics, and a leadership forum; more topics are planned for 2011.

Key Centre staff continue to be recognised for the contributions they make to industry. It is particularly noteworthy that John Clements was honoured with an award from the Bus Association of Victoria for his excellent work in developing and running the Monash Transport Management Course in Bus and Coach Operations. Professor Corinne Mulley was appointed by the NSW government to participate in the development of a transport blueprint for Sydney, and I continued in my role as a member of the NSW government's bus contracts benchmarking team. Professor Peter Stopher was recognised for his contributions to work in China by being appointed as an Honorary Professor of the Beijing Transportation Research Center, a think tank of the Beijing Municipal Government in June of 2010. Associate Professor Stephen Greaves completed an ARC Linkage project demonstrating that appropriately designed financial mechanisms can influence not just the kilometres driven but how they are driven (in particular reducing speeding), a concept gaining considerable traction with insurance companies and road safety agencies alike. Professor David Walters was invited to give the key note speech at the inaugural Value Chain Management Conference at Steyr (Upper Austria) in May.

At ITS-Monash and ITLS-Sydney our success is in no small measure due to the extraordinary support we receive from the Dean of the Faculty of Economics and Business, Professor Peter Wolnizer, who stepped down at the end of 2010 and the Monash University's Deputy Vice-Chancellor Research, Professor Edwina Cornish. I also wish to recognise the important role that Associate Professor Geoff Rose has played in leading the Monash node.

As always, it has been a great pleasure to continue as Director of the Key Centre. The working environment brings a great deal of joy to me, overwhelmingly due to the team we have. A special thanks to all Key Centre staff.



A handwritten signature in black ink, which appears to read 'D Hensher'.

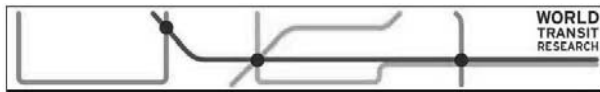
Professor David Hensher
Key Centre Director

2010 BY THE NUMBERS

6	Australian Research Council Industry Linkage (3) or Discovery Project (3) grants held by Key Centre academics, with three won in 2010.	Engagements for Key Centre staff with radio, television and print media, both nationally and internationally (China, France and New Zealand).	>50
6	Fellows of Australian, American and British learned academies, societies, and institutes.	of Australians say the highest priority issue for transport in Australia is public transport improvements according to the ITLS-Sydney-Interfleet Transport Opinion Survey.	58%
7	Chapters published in edited books from Emerald Press (UK) and McGraw Hill (USA).	of graduates on ITLS-Sydney's Post Graduation Work Experience Program offered ongoing roles with their organisation at the end of their placement.	60%
15	Years since the Australian Key Centre was established.	Journal articles published including 32 in top tier journals (Australian Research Council's Excellence in Research for Australia A* or A rated).	63
19	Years of transport education and research at the University of Sydney.	Papers presented at prestigious conferences around the world from the USA and Canada, to Germany, Italy, Norway, Portugal, Switzerland, Turkey, and the UK, Abu Dhabi, China and Chile, and at home in Australia.	88
>25	Countries represented by the student body.	Professional development course enrolments in bus and coach operations, public transport planning, transport management, and discrete choice modelling.	>435
41	Years of transport education and research programs at Monash University.	Undergraduate transport program unit of study enrolments.	500
42	Academic staff, including: our two Institute Directors; Australia's only Chairs in Public Transport (NSW and Victoria); Professors in Civil Engineering, Logistics and Supply Chain Management, and Transport Management; an Associate Professor in Transport Management; two Honorary Professors and one Honorary Associate Professor; and three Adjunct Professors.	Postgraduate coursework transport and logistics program unit of study enrolments.	1,683
46	Higher degree by research candidates with 10 scholarships from University, government, and industry bodies.		

2010 HIGHLIGHTS

WORLD TRANSIT RESEARCH CLEARINGHOUSE



The World Transit Research (WTR) was launched by ITS-Monash in July 2010. The WTR is a free research clearinghouse which aims to make it easier for researchers/planners in public transport to access quality research papers from leading research journals in the field. It is a free repository of research papers, reports, research abstracts and links to research findings from leading peer-reviewed research journals indexed and searchable to ensure easier access to topics of interest in public transport planning. WTR has been developed by the Public Transport Research Group at ITS-Monash to make it easier for public transport planners and researchers worldwide to access quality research in the field. Users of WTR can search for research on specific topics or select from a menu of subject areas or authors to identify research of interest. WTR users can also join a free eNewsletter list by providing their email address. WTR publishes a bi-monthly newsletter distributed via email and itemises all recent publications in the field which have been added to the WTR database.

BUS BUZZ

In September 2010, the public transport team at ITLS Sydney launched Bus Buzz, a quarterly e-newsletter which provides updates on research and education in public transport to industry, government and the community. Two issues were distributed via email in 2010. Information included presentations, Australasian Transport Research Forum papers, working papers and public transport courses.



ISSUE 1, SEPTEMBER 2010

WELCOME TO BUS BUZZ

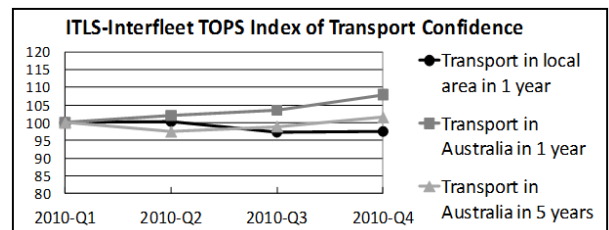
Welcome to the first issue of Bus Buzz, the new quarterly newsletter from the public transport team at the Institute of Transport and Logistics Studies (ITLS) in the Faculty of Economics and Business. We'd like to share with you the latest data and research on bus issues at ITLS and beyond. Please forward this newsletter to other people who may be interested.

Professor Caroline Hildrey | Chair of Public Transport
Dr Rhonda Daniels | Senior Research Fellow in Public Transport

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TRANSPORT OPINION SURVEY

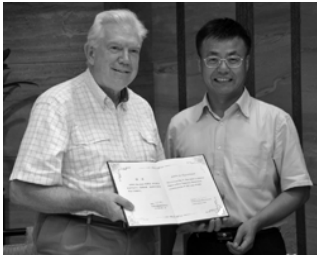


In March 2010, ITLS-Sydney launched the ITLS-Interfleet Transport Opinion Survey (TOPS), a quarterly survey of Australians' thoughts about transport. Do Australians think transport is getting better in their local area? How confident are Australians that transport will improve in the short-term and long-term in Australia? What is the highest priority issue in transport for Australians? Is the state or federal government considered most responsible for transport? Should the private sector be more involved in the provision of public transport? Each quarter, TOPS tracks changes in Australians' confidence and sentiment about transport. In 2010, there were four quarterly reports, with increasing media and industry coverage.

SAFETY MANAGEMENT COURSE FOR BUS OPERATORS

A comprehensive review of transport legislation in Victoria led at the end of 2010 to the introduction of a new regulatory regime for bus operations in Victoria. ITS-Monash was commissioned by the Safety Director of Transport Safety Victoria to design and deliver an approved training course that would provide bus operators with the required competence to operate their bus services to meet regulatory and other compliance requirements. This task had two components: to develop a suitable outline of a course that would underpin a new accreditation system for bus operators and to develop the subjects constituting the course. Under the executive guidance of Professor William Young, the bus team consisting of Astrid De Alwis, Bill Kilpatrick and Brenda O'Keefe have worked tirelessly to meet formidable production deadlines while simultaneously upholding ITS-Monash commitment to the quality of its programs. Beginning in 2011, the existing Transport Management Course in Bus and Coach Operations will be replaced progressively by the Safety Management Course for Bus Operators, the first of its kind in Australia.

HONORARY APPOINTMENTS



In June 2010 Professor Peter Stopher (ITLS-Sydney) was appointed Honorary Professor at the Beijing Transportation Research Centre.

Director Guo Jiffu (R)

presented Professor Stopher (L) with a certificate appointing him to the role; in his speech he stated that members of the Centre were eager to learn from Professor Stopher's experience and expertise as they tackled the enormous challenges facing China.

In August 2010 ITLS-Sydney welcomed John Apelbaum as Adjunct Associate Professor in Transport Planning and Management and Professor William Greene to as Honorary Professor of Transport Econometrics.



John Apelbaum has over thirty years experience in transport planning and management having implemented and advised on major transport initiatives for the private and public sectors in Australia and overseas. In addition to establishing the Apelbaum

Consulting Group in 1989, John founded the Centre for Transport, Energy and the Environment which pioneered methodologies for analysing and forecasting the national and jurisdictional transport task, energy consumed and emissions.



Professor William Greene is the Toyota Motor Corp Professor of Economics at the Stern School of Business, New York University. He is president of Econometric Software, Inc. and author of the software LIMDEP and NLOGIT, textbooks

Econometric Analysis, books on discrete choice modeling, modeling ordered choices and applied choice analysis, and over 100 articles in peer reviewed journals. Professor Greene has worked with ITLS-Sydney over a number of years writing numerous papers with Professor David Hensher and Dr John Rose and co-authoring the text – Applied Choice Analysis: A Primer published by Cambridge University Press.

BUSVIC INDUSTRY CONTRIBUTION AWARD



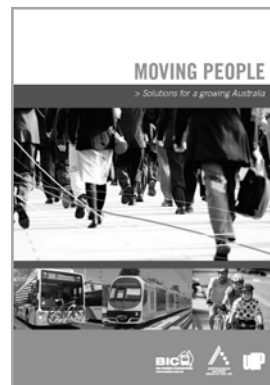
ITS-Monash' John Clements (R) was awarded the 2010 Bus Victoria Industry Contribution Award by Bus Victoria Executive Director Chris Lowe (L) at the Bus Victoria Maintenance Conference and Expo. The award was for his excellent work in developing and

running the Monash Transport Management Course in Bus and Coach Operations.

EXCELLENCE IN RESEARCH FOR AUSTRALIA

Transportation and freight services research at the University of Sydney were rated as being above world standards by the Australian government's Excellence in Research for Australia (ERA) assessment. The first ERA assessment was conducted in 2010; this initiative assesses research quality within Australia's higher education institutions using a combination of indicators and expert review by committees comprising experienced, internationally-recognised experts.

MOVING PEOPLE



Professor John Stanley co-authored (with Simon Barrett, L.E.K. Consulting) the report on 'Moving People – Solutions for a growing Australia' for the country's major peak transport bodies: the Australasian Railways Alliance, Bus

International Confederation of Australia, and the International Association for Public Transport. The report was launched by Federal Minister for Infrastructure and Transport, the Honourable Anthony Albanese MP, and received national media coverage. Professor Stanley was invited to talk about the report to a number of bodies including the Standing Committee of Transport (heads of federal and state transport agencies). Professor Stanley is Chair of the ITS-Monash Advisory Board, ITLS-Sydney Adjunct Professor, and Bus Industry Confederation Senior Fellow in Sustainable Land Transport.

TRANSPORT STUDIES AGREEMENT FOR ITLS-SYDNEY AND ABU DHABI



L-R: Professor John Hearn, HE Mohamed Hareb Al Yousef, Professor David Hensher, and Mansoor Jaffar Abu Dhabi Department of Transport

In June 2010 The Abu Dhabi Department of Transport and The University of Sydney signed a Memorandum of Understanding aimed at providing Masters courses in transport management to targeted United Arab Emirates' students and executive courses for the department's employees. The Abu Dhabi Department of Transport responsibilities cover aviation, maritime, public transport, road safety and highways management. In order to provide excellence in transport planning, the department recognises that skill levels of their employees must be of the highest calibre. They have therefore developed a scholarship program targeting leading students from across the region and providing them with Bachelor and Masters training. ITLS-Sydney has been chosen for the high quality of its courses to provide the Masters level part of the program. This agreement is a significant opportunity for both parties, contributing to knowledge and development in the transport domain in the fast growing region of the Gulf and enriching the already diversified student base of ITLS-Sydney.

ITS-MONASH COLLABORATION WITH PORTLAND STATE UNIVERSITY

While on sabbatical leave in the first semester of 2010 Associate Professor Geoff Rose spent time at the Oregon Transportation Research and Education Consortium Centre at Portland State University in Oregon, USA. While there he researched: the travel behaviour impacts of electric power assisted bicycles; the impacts of weather on the travel behaviour of cyclists; and the use of assessable on-line discussions to enhance student learning in transport planning and policy. As a result of his research visit ITS-Monash has launched collaborative research initiatives with OTREC on the first two of these research topics.

LOGISTICS ASSOCIATION OF AUSTRALIA SELECTS ITLS-SYDNEY AS THEIR TRAINING PROVIDER OF CHOICE



The Logistics Association of Australia (LAA) has selected ITLS-Sydney as the provider of training services for short courses for its members. LAA President Brad Harrison said "The LAA has

long been committed to fostering professionalism in the logistics and supply chain industry and we are delighted that ITLS-Sydney have come on board to assist us in expanding our professional services further". Under this agreement, ITLS-Sydney will provide subject matter and teaching resources on a variety of short courses which will be made available to members at various locations Australia-wide. Factors supporting the LAA's decision to align with ITLS-Sydney included its widespread reputation and influence across the logistics and supply chain sector and its cultural fit with the full span of course material and subject matter aligned to LAA member's needs.

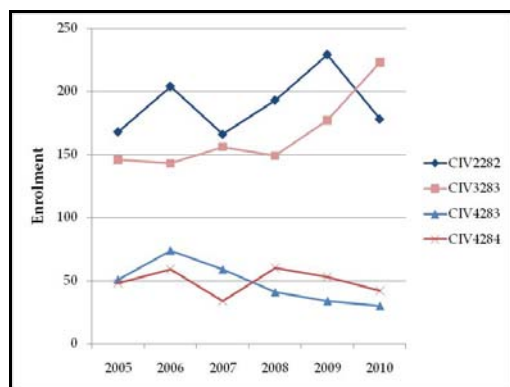
HIGHER DEGREE BY RESEARCH STUDENT SUCCESSES

Three students were awarded their doctorates in 2010. At ITS-Monash, Mahmoud Mesbah was awarded his doctorate for his thesis 'A methodology to optimize transit road space priority at the network level' and Robert Napper for his thesis 'Designing route buses: From bespoke to mass customisation'. Robert's PhD was sponsored by the bus manufacturer Volgren; he is now a lecturer in the Department of Design at Monash University. At ITLS-Sydney, Wafa Dabbas was awarded her doctorate for her thesis 'Modelling vehicle emissions from an urban air-quality perspective: testing vehicle emissions interdependencies'. After submitting their doctoral theses at ITS-Monash, Sara Moridpour was hired as a lecturer at RMIT University and Ehsan Mazloumi as a Transport Analyst at IMIS (Aurecon Group). At ITLS-Sydney PhD candidates won awards at the 31st Annual Conference of the Australian Institutes of Transport Research; Alejandro Tirachini was awarded a prize for the Best Student Research Paper and Claudine Moutou was given an honourable mention. In addition, PhD candidate Matthew Beck won a Dean's Citation for Teaching for the unit of study that he coordinates (Analysis Tools for Transport and Logistics) and was nominated for a Faculty Teaching Award by his students.

LEARNING and TEACHING

UNDERGRADUATE

ITS-Monash continues to play a key role in the delivery of the undergraduate transport units in the civil and environmental engineering programs. Across all undergraduate transport units of study ITS-Monash had responsibility for nearly 500 subject enrolments. ITS-Monash academics also deliver the units Engineering Investigations and Project Management for Civil Engineers in the civil and environmental engineering programs as well as delivering the transport component in the major group design subject - Civil Engineering Practice 4 – which is a core unit in the final year of the civil engineering degree.



Undergraduate unit enrolments at ITS-Monash

UNITS OF STUDY

- Transport and Traffic (CIV2282)
- Road engineering (CIV3283)
- Transport Planning (CIV4283)
- Transport Systems (CIV4284)

The **Traffic Group Undergraduate Scholarship** is generously offered to up to two students undertaking the Bachelor of Engineering who have an interest in and intend to pursue careers in transport engineering. In 2010 the scholarships were awarded to Richa Sethi and Bridge Blackburn who receive financial assistance and a 12 week work placement with the Traffic Group. Undergraduates also undertook the following honour's projects as part of the units CIV4210 Project A and CIV4211 Project B under the supervision of Professors William Young and Graham Currie, Associate Professor Geoff Rose and Dr Yibing Wang: Accuracy of SmartBus real-time passenger information; solar power generation using rail; review of tram passenger safety; optimising tram stop spacing in Melbourne; investigating night travel in Melbourne;

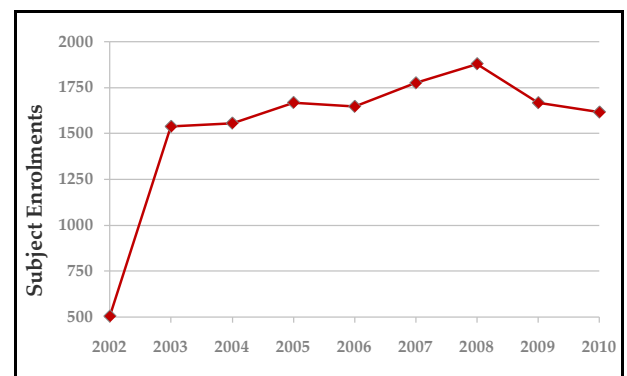
environmental impacts of powered two wheel vehicles; evaluating the evidence for mandatory bicycle helmets; evaluating user experience with the Ride to Work Day event; evaluation of the Monash Share Bike Scheme; integration of access and mobility functions of road networks; parking supply and parking policy in City of Monash and City of Greater Dandenong; travel behaviour; the image processing of a video recorded from an intersection; use of social media for traveller information; ramp metering; automatic incident detection; travel time prediction.

POSTGRADUATE COURSEWORK

ITLS-SYDNEY

The demand for units of study remains very high. Many of our students are enrolled in a major in logistics and/or transport management via the Master of Commerce or in elective units in the Master of International Business as well as the transport and logistics degrees.

- Master of Transport or Logistics Management (8 units)
- Masters of Transport and Logistics Management (12 units)
- Master of Transport or Logistics Management combined with Master of Commerce (16 units), Master of International Business (12 units) or Master of Urban and Regional Planning (16 units)
- Graduate Diploma in Transport or Logistics Management (6 units)
- Graduate Certificate in Transport or Logistics Management (4 units)



Postgraduate coursework unit enrolments at ITLS-Sydney

UNITS OF STUDY

Total enrolments for 2010 are shown in brackets for each unit.

- Analysis Tools for Transport and Logistics [217]★
- Aviation Management and Logistics [49]
- Geographical Information Systems for Planning and Logistics [47]
- Innovations in Logistics and Supply Chain [18]
- Intelligent Transport and Logistics Systems [9]
- International Freight Transportation [58]
- International Logistics [87] ★
- Logistics and Supply Chain Management [193]
- Logistics Systems [69]
- Manufacturing Logistics [13]
- Maritime Logistics [40]
- Organisational Logistics [179] ★
- Project Management in Supply Chains [34]
- Public Transport Policy Planning [20]
- Research Project [3]
- Retail Logistics Management [61] ★
- Reverse Logistics and Closed Loop SCM [45]
- Strategic Transport Modelling [9]
- Survey Design and Management [8]
- Sustainable Transport and Logistics Systems [56]
- Traffic Systems Management and Control [13]
- Transport and Logistics Management [47]
- Transport Modes and Systems [130]
- Transport Policy [30]
- Value Chain Management [181]

NEW:

- Logistics in Humanitarian Aid projects [29]
- Railway Planning and Operations [16]

The coordinators of the units of study indicated with a star (★) above received a Dean's Citation for teaching in 2010. This citation is based on positive feedback from the students enrolled on each unit.

THE POST GRADUATION WORK EXPERIENCE PROGRAM

This program offers ITLS-Sydney's brightest graduates the opportunity to gain some valuable real world experience with our industry partners in logistics and transport. Over 60% of our graduates have been offered permanent positions on completion. The success of the program lies in this win-win situation for graduates and employers; giving employers access to some of ITLS-Sydney's brightest graduates and providing the graduates with opportunities in the real business world. Organisations that have provided placement include: AWA Ltd, Booz&Co, BusNSW, Busways, ComfortDelGro Cabcharge Pty Ltd, Dial A Dump Industries (DAD), Forest Coach Lines, Hapag-Lloyd, Interfleet Technology, Parsons Brinckerhoff, PricewaterhouseCoopers, Saha International, Shipping Australia Ltd, Swisslog, Transport Workers Union and Veolia Environmental Services.

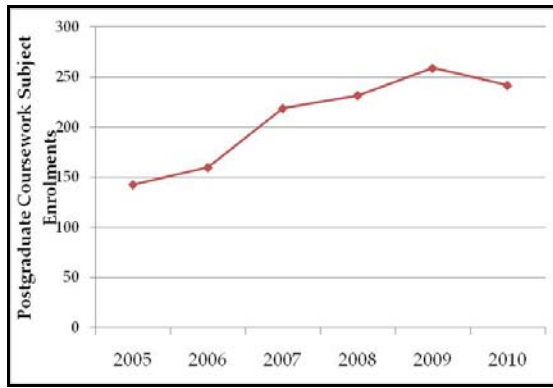


Orientation for new postgraduate coursework students at ITLS-Sydney

ITS-MONASH

Enrolments in the postgraduate program in transport and traffic are steady and continue to attract strong interest from throughout Australia and overseas. Units offered by ITS-Monash contribute to the following distance education courses:

- Master of Infrastructure Engineering and Management (8 units)
- Master of Transport (8 units)
- Master of Traffic (8 units)
- Postgraduate Diploma in Transport and Traffic (8 units)
- Graduate Certificate in Transport and Traffic (4 units)



Postgraduate coursework unit enrolments at ITS-Monash

UNITS OF STUDY

- Parking (CIV5307)
- Transport Planning and Policy (CIV5314)
- Intelligent Transport Systems (CIV5304)
- Quantitative Methods (CIV5303)
- Transport Modelling (CIV5305)
- Public Transport (CIV5316)
- Transport Economics (CIV5315)
- Road Traffic Engineering and Management (CIV5302)
- Case Studies in Transport (CIV5308)

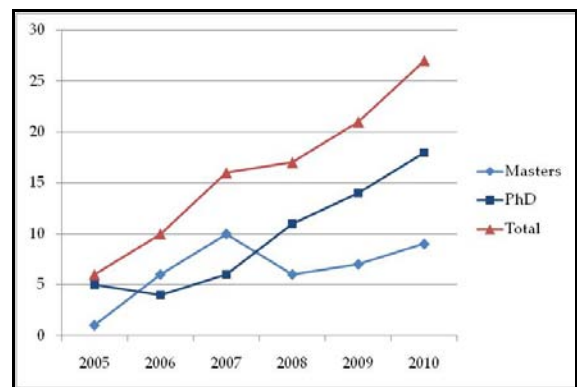
Five students completed projects in CIV5308: Case Studies in Transport. These were Robert Dunn (Cyclists using footpaths), John Dinan (Implementation issues with safe routes to school), Jenny Deady (Development of an accident reduction methodology for a rural road network), Benjamin Caspian (Ramp control strategies: A case study evaluation of ramp metering using VISSIM microsimulation), Shivani Pakiarajah (Hobart's eastern shore urban suburbs assessment of travel behaviour) and Claire Ferres Miles (Parking across metropolitan Melbourne).



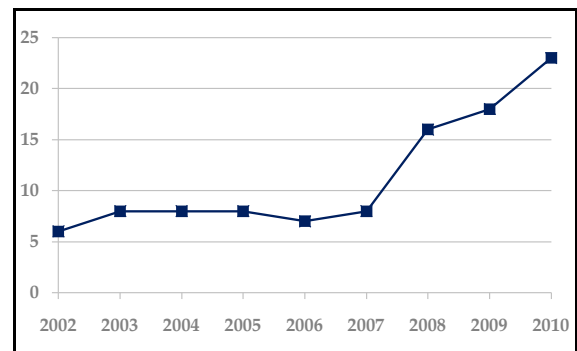
Graduates of the ITS-Monash's distance education program in transport and traffic, Kirsty Bilton (L) and Kendall Mackay (R), with Associate Professor Geoff Rose

HIGHER DEGREES BY RESEARCH

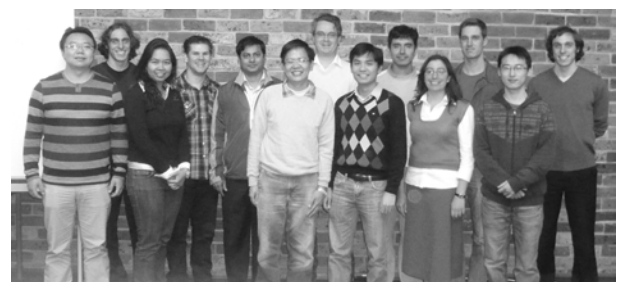
Enrolments in our higher degree by research programs (PhD at ITLS-Sydney; Master of Engineering Science and PhD at ITS-Monash) grew in 2010 bringing the total number of students in the higher degree by research programs to 46. Many of our students have won highly competitive scholarships from either Sydney or Monash University, from the Australian Research Council or from other government bodies and from industry. Our students come from all over the world to research in a diverse range of transport and logistics areas; details of our students and their research topics are shown below.



Postgraduate research enrolments at ITS-Monash



PhD enrolments at ITLS-Sydney



Higher degree by research students at ITLS-Sydney

DOCTOR OF PHILOSOPHY

Md. Aftabuzzaman

Public transport measures for road traffic congestion relief

Kayvan Aghabayk

Heavy vehicle car-following and lane-changing behaviour on urban arterials

Iran Industry Scholarship

Asif Ahmed

Low carbon development in transportation

Farhana Ahmed

Impact of weather on commuter cycling behaviour and possible effects of climate change

Babak Amani

Ownership and usage of powered two-wheeled vehicles

Elizabeth Barber

Strategic issues in supply chain management

Matthew Beck

Development of a behavioural system of stated choice models: Modelling behavioural, pricing and technological opportunities to reduce automobile energy levels

Faculty of Economics and Business Research
Scholarship

Jyotirmoyee Bhattacharjya

Value chain network integration in practice: The antecedents and impact of interorganisational information and knowledge sharing interactions

International Postgraduate Research Scholarship

Yujie Cai

Supply chain interaction and overlap

Montathip Chanpum

A real time decision making policy for container vessel slot allocation in global empty container repositioning

Demi Chung

Optimising risk sharing: A quantitative study of the multidimensional nature of risk in private provision of road infrastructure

Ronald Henderson Scholarship, Accounting and Finance Association of Australia and New Zealand

Geoffrey Clifton

The role of frequency and connectivity in delivering enhanced bus systems in urban areas: Developing a network of corridor services

Andrew Collins

An examination of the role and impact of information search strategies on preference formation

Australian Postgraduate Award

Adrian Ellison

Encouraging sustainable transport behaviour using personalised environmental information

Richard Ellison

Modelling policy-induced changes in freight vehicle externalities

Simon Fifer

Hypothetical bias in stated choice experiments: Is it a problem? And if so, how do we deal with it?

Evan Gwee

Improving methodologies to estimate the economic impacts of agglomeration economies in urban rail projects

Singapore Land Transport Authority Scholarship

Quoch Chinh Ho

Interactions among built environment, vehicle ownership and public transport utilisation

Qingjian Jiang

Travel tour modelling with multi-day GPS travel survey data

Victoria Johnson

An exploration of transport to arts and cultural activities and social exclusion

Waiyan Leong

Embedding heuristics in choice models

Zheng Li

Valuing travel time savings and travel time reliability: Interfaces between behavioural/experimental economics and travel behaviour research

Faculty of Economics and Business Research
Scholarship

Qian Liu

Investigating environmental/health externalities of transport

Hsin-Chi Lu
Value chain networks within the healthcare industry

Ehsan Mazloumi
Investigating travel time and variability prediction for roads-based public transport

Mike Moffatt
The influence of multiple axle loads on pavement performance

Sarah Moridpour
Modelling lane changing behaviour of heavy commercial vehicles

Claudine Moutou
Understanding the consequences of small business reactions to sustainable transport initiatives in local town centres
Faculty of Economics and Business Research
Scholarship

Jeffrey Newton
Cost management in customer-supplier relationships and networks with a focus on activity based costing

Brendan Pender
Understanding and enhancing proactive planning approaches for the bus bridging problem

Joe Fai Poon
Analysing the effects of travel information on travellers' decision making and learning
Singapore Land Transport Authority Scholarship

Mike Shackleton
Quality and impact of transportation research

Nirajan Shiwakoti
Crowd dynamics under emergency conditions: Using non-human organisms in the development of a pedestrian crowd model

Amir Sobhani
Assessing safety performance of intersections using simulation models

Alejandro Tirachini
Optimal pricing strategies of transport externalities, with reference to car use and implications for public transport use
University of Sydney World Scholars Award

Roger Toleman
Toll roads and sustainability

Chi-hong Tsai
Public transport planning and transport economies

Richard Yeo
Effects of emerging large road freight vehicles on the performance of typical Australian road pavements

Zeyan Zhang
Supply chain disruption costs in the international maritime industry
Master of Engineering Science (Research)

David Chin
Incorporating stochasticity in prediction of travel time on congested freeways

Selby Coxon
Design strategies for the amelioration of anti-social behaviour on public transport

Paul Hamer
Monitoring the Impacts of the Melbourne CBD parking levy

Andrea Macdonald
Design of tram stops and facilities

Hassan Sabzehali
Development of a framework for environmentally friendly intelligent eco-vehicle

Mohd Syahril Said
Public transport in developing countries

Ali Zavabeti
Development of a new platform to study driver's behaviour in complex situations using a novel laser technology

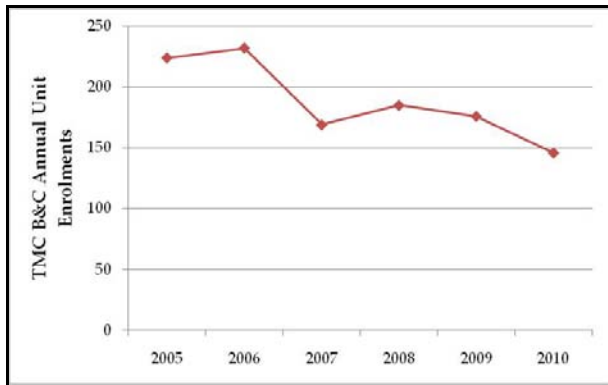


Higher degree by research students at ITS-Monash

SHORT COURSES

ITS-MONASH

TRANSPORT MANAGEMENT COURSE IN BUS AND COACH OPERATIONS



Transport Management Course in Bus and Coach Operations enrolments

The Transport Management Course in Bus and Coach Operations was launched in 1999 as part of the bus operator accreditation framework for the industry in Victoria. More than 1,900 operators have completed the course. Enrolments in 2010 were 146, slightly lower than in previous years, reflecting stability in the industry and the impending introduction of the Bus Safety Act in 2011. Course participants were new operators seeking accreditation and also existing accredited operators enrolling additional staff for management training purposes.



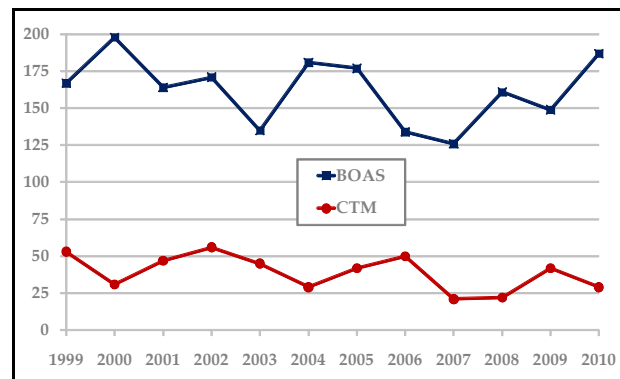
L-R: Bus and Coach course coordinators John Clements, Astrid DeAlwis and Bill Kilpatrick

PUBLIC TRANSPORT PLANNING I AND II – NETWORK AND STRATEGIC PERSPECTIVES

Both industry short courses in public transport planning (I and II) were run in Brisbane (47 enrolments) and Sydney (17 enrolments) in November. Participants came from a variety of professional backgrounds, including public transport operators and state government agencies throughout Australia and from overseas. The course was presented by Professor Graham Currie (ITS-Monash) and Professor Avi Ceder from the University of Auckland. This year for the first time

the Sydney course was joined by Professor Corinne Mulley of ITLS-Sydney which enriched the course with an additional day's content. Topics covered include strategic perspectives on planning public transport, performance monitoring and network design, operational perspectives, transit marketing and fare structures.

ITLS-SYDNEY



Bus and Coach Operator Accreditation Scheme and Certificate of Transport Management enrolments

The status of ITLS-Sydney as a premier provider of education with the NSW bus and coach industry is demonstrated in the strength of enrolments in the professional development and accreditation courses in 2010. The Bus and Coach Operator Accreditation Scheme (introduced in 2007 to replace the accreditation requirements under the Certificate of Coach Management) saw enrolments grow in 2010 with 187 operators successfully completing the online course. 2010 saw the start of the Certificate of Transport Management as a face-to-face professional development program, no longer providing accreditation. In 2010, 29 participants from the bus industry and their suppliers (NSW and interstate) and government successfully completed the course.

CERTIFICATE OF TRANSPORT MANAGEMENT

The Certificate of Transport Management (CTM) provides knowledge and skills in management, planning and policy areas central to the success of the bus and coach industry, to operators, suppliers and consultants. It introduces participants to the latest developments in the industry and is recognised as an important industry qualification for middle and senior management, and an excellent opportunity for career development. The four day program includes presentations by industry representatives, specialist consultants and

academic experts, designed to develop practical skills for the industry, as well as interactive exercises. The networking benefits are an important aspect of the CTM. The course content is reinforced by four assignments completed after the course. The CTM is supported by the Department of Transport, BusNSW, State Transit Authority and private operators.

BUS AND COACH OPERATOR ACCREDITATION SCHEME

The Bus and Coach Operator Accreditation Scheme (BOAS) online course is approved by Department of Transport as meeting the accreditation requirement of competency to operate bus and coach services. Under the Passenger Transport Act (1990), operators of bus and coach services must be accredited by the Director General, Department of Transport. One of the accreditation requirements is that applicants must be competent to carry on a bus service. To meet the requirement of being competent to carry on a bus service, applicants must pass the BOAS examination. The BOAS course includes four modules: i) Accreditation; ii) Management Information System; iii) Vehicle Maintenance Management System; and iv) Safety Management Systems. The BOAS course is delivered through online learning materials including notes, case studies, online quizzes, and a discussion board.



Students sitting the BOAS examination

RETAIL LOGISTICS AND HUMANITARIAN LOGISTICS



As their training provider of choice, ITLS ran two highly successful courses for the Logistics Association of Australia in 2010. Gareth Jude presented a two day course on Retail Logistics in August and

Jersey Seipel presented a two and a half day course on Humanitarian Logistics in November. Both

courses were extremely well received, some responses from participants included: "Great networking." "Very relevant, good depth of content, and very well presented." "Simulation exercise was great." "Excellent range in topics covered." "Jersey was engaging, knowledgeable, approachable and challenging. Real life examples were fantastic." "Jersey was outstanding". "Great introduction to the subject." "Jersey's practical / field experience provided the perfect balance on course content. Excellent." Future courses are planned for 2011-12 including a course on Current Issues in Supply Chain Management to be delivered by Professor Martin Christopher, Emeritus Professor of Marketing and Logistics at Cranfield University, UK and Logistics Finance for Non Financial Managers to be presented by ITLS-Sydney's Professor David Walters.

DISCRETE CHOICE ANALYSIS AND CHOICE EXPERIMENT DESIGN



Course text: Applied Choice Analysis: A Primer (2005) by Professor David Hensher, Dr John Rose and Bill Greene, published by Cambridge University Press.

Almost without exception, everything human beings undertake involves a choice. In recent years there has been a growing interest in the development and application of quantitative statistical methods to study choices made by individuals or groups with the purpose of gaining a better understanding both of how choices are made and of forecasting future choice responses. These extremely successful courses provide an unimposing introduction to the main techniques of choice analysis and the design of choice experiments. The courses, which began in 2006, are presented by world experts in the field: Professor David Hensher, Dr John Rose and Associate Professor Michiel Bliemer (Delft University of Technology, The Netherlands). The two week course attracts participants from all over the world from as far afield as South Africa and the UK. Abridged versions of these courses have also been presented in Italy (2010, 2009 and 2008), Portugal (2009), South Africa (2008), The Netherlands (2007), and Singapore (2007).

STUDENT AWARDS

ITLS-SYDNEY

The 2010 Awards Night was held on 10 April in the Forum Restaurant of the Darlington Centre at the University of Sydney. The evening is an opportunity to celebrate the success of the Institute with our staff, students, Board of Advice, industry partners, and the sponsors of prizes. Guests were welcomed by Professor David Hensher and awards were presented by representatives of our sponsors, BusNSW, the Chartered Institute of Logistics and Transport Australia, and the Logistics Association of Australia, as well as by our special guest Les Wielinga, Director General Transport NSW who also gave the closing address.



Adrian Ellison (L) with Professor David Hensher, Director, ITLS-Sydney

Ken Hillyar Award (Chartered Institute of Logistics and Transport Australia)

For the best student in a masters program with a major in transport or logistics management

Awarded to: Adrian Ellison



Jane Rogers receives her award

The NSW Bus and Coach Association Prize

For the best overall performance in the Certificate of Transport Management program

Awarded to: Susan Chaffey and Jane Rogers



Claudia Bottini (L) receives her award from Phillip Clarkson, Ambassador, Chartered Institute of Logistics and Transport Australia

Sir Hudson Fysh Award (Chartered Institute of Logistics and Transport Australia)

For the best student in a masters program with a major in transport or logistics management

Awarded to: Claudia Bottini



Richard Ellison (C) receives his award from Denis Horder (R), President, Logistics Association of Australia

The Logistics Association of Australia Prize

For outstanding achievement in the logistics program

Awarded to: Richard Ellison



Zheng Li (L) receives his award from Les Wielinga, Director General, Transport NSW



Peter Graham (L) receives his award from Professor Greg Patmore, Pro-Dean, Faculty of Economics and Business

The Mrs MA Ching Prize

For outstanding achievement in the graduate program in transport or logistics

Awarded to: Peter Graham

The Institute of Transport and Logistics Studies Prize

For research excellence in transport or logistics

Awarded to: Zheng Li

ITS-MONASH

The presentation of awards to outstanding students is held in conjunction with the annual Ogden Transport Lecture. This high profile event provides the ideal forum in which to recognise the achievements of our most successful students. Awards are sponsored by industry and government and recognise the achievements of students completing subjects in the undergraduate, postgraduate and industry programs.



Prize winners and prize sponsors following the awards ceremony held in conjunction with ITS-Monash's annual Ogden Transport Lecture.

UNDERGRADUATE AWARDS

The following awards recognised excellence in achievement amongst bachelor of engineering students.

The GHD Highway Design Prize

Awarded to the group of Bachelor of Engineering students who submitted the best highway design
Awarded to: Tom Bond, Shanika Ekanayake, Fraser Goff and Severin Staalesen

The Richardson Prize in Transport

Awarded to the Bachelor of Engineering student showing the greatest proficiency in one transport elective and project
Awarded to: Brent Hodges

The Traffix Group Prize

Awarded to the Bachelor of Engineering student showing the greatest proficiency in Level 4 transport engineering elective subjects
Awarded to: Sarah Mahmoud

Australian Institute of Traffic Planning and Management Scholar

Awarded to provide support for travel to Brisbane to attend the AITPM 2010 National Conference
Awarded to: Tim Dresser

POSTGRADUATE AWARDS

The 2010 prizes for excellence in postgraduate work were awarded at the Ogden Transport Lecture.

Women in Transport Scholarship

\$10,000 prize awarded by the Victorian Government to women who demonstrate excellence in transport and logistics and are enrolled in postgraduate study
Awarded to: Clare Davey



Paul Carter receives his award from Jill Earnshaw, Manager, Program Integration and Evaluation, Network and Asset Planning

The VicRoads Prize in Transport Engineering

Awarded to the postgraduate student who has achieved the highest average mark in their coursework units
Awarded to: Paul Carter



Naomi Langdon receives her commendation from Associate Professor Geoff Rose, Director of ITS-Monash

Special commendation for excellent results in postgraduate coursework

Awarded to: Naomi Langdon



Nirajan Shiwakoti (R) receives his award from Gerard Waldron, General Manager of ARRB

ARRB-Monash Prize for Postgraduate Transport Research

For excellence in postgraduate research in transport
Awarded to: Nirajan Shiwakoti

INDUSTRY PROGRAM AWARDS

Bus Association of Victoria Award

For the best overall performance in the Transport Management Course in Bus and Coach Operations (bus and coach operations, AO accreditation)

Awarded to: Bernard McNamara



Catherine Griffiths receives her award from Chris Loader, Manager Transport Planning and Policy, Bus Association of Victoria

The Pitcher Partners Large Operator Award

Best performance in unit: Financial Management

Awarded to: Bernard McNamara



Henry Neal (R) receives his award from Peter Ayers, General Manager Grenda Transit

Bus Association of Victoria Award

For the best overall performance in the Transport Management Course in Bus and Coach Operations (charter and tour operations, AC accreditation)

Awarded to: Catherine Griffiths



Doug Willmot (L) receives his award from Shaun Rodenburg, Manager Bus Safety Compliance, Transport Safety Victoria

Grenda Transit Large Operator Award

Best performance in unit: Human Resource Management

Awarded to: Henry Neal



Renee Haoust receives her award from Andrew Cornwall, Managing Director, Ventura

Transport Safety Victoria Small Operator Award

Overall best performance for a small operator

Awarded to: Doug Willmot

The Ventura National Bus Award

Best performance in unit: Marketing, Planning and Operations

Awarded to: Renee Haoust



Cos Sita (L) receives his award from Astrid De Alwis, ITS-Monash

iComply, AC/AO Operator Award

Best performance in unit: Introduction to Legislation and Operations

Awarded to: Cos Sita

RESEARCH

FUNDING

INTERNATIONAL

NEW: Professor Graham Currie and Alexa Delbosc
Olympic transport - key lessons for the Hajj / Omrah event
Center of Research Excellence, Umm Al-Qura University (Hajj, Saudi Arabia) [2010: \$50,300]

NEW: Professor David Hensher and Professor Corinne Mulley
Centre of Excellence in Bus Rapid Transit development
Volvo Research and Education Foundation, Sweden [2010-2015: \$300,000]

Professor Peter Stopher
Greater Cincinnati household travel survey
Ohio Department of Transportation, Ohio, USA [2008-11: \$200,378]

Dr Yibing Wang
Real-time monitoring, surveillance and control of road networks under adverse weather conditions
European Commission's Cooperation in Science and Technologies (COST) Program [2008-2012]

AUSTRALIAN RESEARCH COUNCIL

NEW: Professor Graham Currie and Alexa Delbosc
Investigating transport disadvantage, social exclusion and well being in Metropolitan, Regional and Rural Victoria
Interface Councils of Melbourne [2010: \$40,000]

NEW: Professor David Hensher
Assessment of the commuter's willingness to pay a congestion charge under alternative pricing regimes and revenue disbursement plans
ARC Discovery Project [2010-13: \$426,444]

NEW: Associate Professor Geoff Rose (with Professor R McClure, Associate Professor M. Pierini, J. Earnshaw, P. Daly, R. Griffiths, S. Cockfield and F. Calvert)
A systemic model to underpin enhanced management of powered-two-wheelers as part of a safe, sustainable transport system
ARC Industry Linkage Project [2010-13: \$1,267,900]

Professor Graham Currie
Investigating transport disadvantage, social exclusion and well being in metropolitan, regional and rural Victoria
ARC Industry Linkage Program [2006-2010: \$1.6M]

Professor Graham Currie and Dr Majid Sarvi (with N. Hounsell and R. Kinnear)
Optimising the design and implementation of public transport priority initiatives
ARC Industry Linkage Project [2010-12: \$740,000]

Associate Professor Stephen Greaves
Modelling the environmental impacts of commercial vehicle tours and freight management policies in urban areas.
ARC Discovery Project [2008-10: \$200,454]

Dr John Rose (with K.Howard, S. Jan, A. Cass, S.J. Chadban and R.D. Allen)
Community preferences for organ donation and allocation in Australia
ARC Discovery Project [2009-11: \$240,000]

STATE GOVERNMENT

NEW: Dr Majid Sarvi
Real time network traffic management decision support – pilot study and evaluation
VicRoads [2010: \$46,000]

NEW: Dr Russell Thompson
Management of strategic freight corridors literature review
VicRoads [2010: \$15,000]

NEW: Professor William Young, Associate Professor Geoff Rose, Astrid De-Alwis
Bus risk management and the Bus Safety Act (2009)
Transport Safety Victoria [2010: \$30,000]

Associate Professor Geoff Rose (with Dr M. Symmons)
Eco-driving trial design, evaluation and reporting
Victorian Department of Transport [2009-11: \$74,525]

Dr Yibing Wang
Real-time traffic state estimation, incident detection, and detector fault diagnosis for large-scale freeway systems in Melbourne
Vic Roads [2009-10: \$40,000]

Professor William Young and Majid Sarvi (with B. Corben and N. Candappa)
Intersection design for safety
Vic Roads [2008-10: \$2M]

INDUSTRY

NEW: Professor Graham Currie
Volgren Future Bus design program – scoping project
Volgren [2010: \$32,000]

UNIVERSITY

NEW: Dr Rhonda Daniels
Closing the accessibility gap: quantifying the role of flexible transport services
Business School - Research Grant [2010: \$11,281]

NEW: Dr Rhonda Daniels
Accessibility planning: understanding variations in travel time to access key activities
Business School - Research Grant [2010: \$17,000]

NEW: Dr Rhonda Daniels
The role of public transport interactions in agglomeration economies
Business School - Research Grant [2010: \$4,799]

NEW: Associate Professor Stephen Greaves
Analysing speeding behaviour: A multilevel modelling approach
Business School - Research Grant [2010: \$14,974]

NEW: Associate Professor Stephen Greaves
Understanding driving behaviour and cognition of risk: Towards more effect road safety interventions
Business School - Research Grant [2010: \$19,008]

NEW: Associate Professors Stephen Greaves and Dr John Rose (with Simon Fifer and Richard Ellison)
7th Triennial Symposium on Transportation Analysis
Business School - Overseas Conference Travel Grant, Norway [2010: \$1,435]

NEW: Professor David Hensher
Projects that facilitate international collaborative research projects – On the optimal use of the revenue from road pricing
Strategic Research Initiatives [2010: \$7,000]

NEW: Professor Corinne Mulley
Accessibility impacts of Liverpool-Parramatta Transitway
Business School - Research Grant [2010: \$20,000]

NEW: Professor Corinne Mulley
Closing the accessibility gap: quantifying the role of flexible transport services
Business School - Research Grant [2010: \$11,281]

NEW: Professor Corinne Mulley
12th World Conference on Transport Research 2010
Business School - Overseas Conference Travel Grant, Portugal, July 2010 [2010: \$4,050]

NEW: Professor Corinne Mulley
The role of public transport interactions in agglomeration economies
Business School - Research Grant [2010: \$4,799]

NEW: Dr Sean Puckett
Design and Administration of a Stated Endogenous Attribute Level (SEAL) Survey
[2010: \$5,000]

NEW: Dr Sean Puckett
Freda and Ken Lansbury Early Career Research Fund
[2010: \$5,000]

NEW: Professor Peter Stopher
Travel time budget analysis from multi-day and panel data
Business School - Research Grant [2010: \$17,989]

NEW: Professor Peter R. Stopher, Dr Yun Zhang, Belinda Halling, Christine Prasad, Jun Zhang, Laurie Wargelin and Qingjian Jiang
World Conference on Transport Research
Business School - Overseas Conference Travel Grant, Portugal [2010: \$4,050]

NEW: Dr Ada Suk-Fung Ng and Dr Sean Puckett (with Professor Mary Brooks, Canada)
A study of port choice preference in the context of international supply chains
Business School - Research Grant [2010: \$8,100]

Professor Graham Currie
Social Research in Transport (SORT) Clearinghouse
Faculty of Engineering, Monash University
[2009-12: \$207,000]

SEMINARS and PUBLIC LECTURES

ITLS-SYDNEY

LEADERSHIP AND POLICY SEMINAR SERIES

23 February 2010

The airline industry: Trends, challenges and strategies

Dr John Wensveen, Dean, School of Aviation at Dowling College in New York

30 March 2010

Decarbonising logistics: A European perspective

Professor Alan McKinnon, Logistics Research Centre, Heriot-Watt University

27 April 2010

Maritime reform and the coasting trade

Dr Mary Brooks, William A. Black Chair of Commerce at Dalhousie University, Halifax, Canada

18 May 2010

An overview of developments in the aviation industry in South Africa with special reference to the role of low cost carriers

Professor Jacobus Walters, Director, ITLS-Africa; Head of Department, Department of Transport and Supply Chain Management, University of Johannesburg

1 June 2010

Framing CO2 as a transport problem, the example of Latin America



Dr Lee Schipper, Project Scientist with Global Metropolitan Studies, University of California at Berkeley

15 June 2010

Managing airline survival in a highly competitive environment

Dr Rico Merkert, Visiting Research Fellow; Lecturer in Air Transport Economics, Cranfield University

14 September 2010

How financial constraints affect the design of public transport services

Professor Sergio Jara-Diaz, University of Chile

19 October 2010

Market access rather than travel-time-saved: rethinking transport project benefit-cost analysis

Associate Professor Cameron Gordon, University of Canberra

10 November 2010

The high cost of free parking



Professor Donald Shoup, Professor of Urban Planning, University of California, Los Angeles

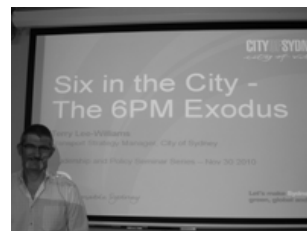
16 November 2010

GS1 and the transport and logistics industry - A global update

Andrew Steele, Industry Manager, GS1 Australia, LAA-ITLS Joint Seminar Series

30 November 2010

Six in the City - Exodus in the PM and other network challenges in the City of Sydney



Terry Lee-Williams, Transport Strategy Manager, City of Sydney

INTERNATIONAL VISITORS

ITLS-Sydney also received visits from Dr Stephane Hess (University of Leeds, UK); Professor Michiel Bliemer (Delft University of Technology, Holland); Professor Hsiao-Fen Wang (National Tsing hua University, Taiwan); Professor Chris Nash (University of Leeds, UK); and Dr Andrew Allan (University of South Australia), as well as visiting researchers from France, Germany, Iran, Italy, and The Netherlands.

ITS-MONASH

ANNUAL OGDEN TRANSPORT LECTURE

Towards sustainable urban mobility: Insights from Portland's journey



Professor Jennifer Dill describes the successes and challenges faced in Portland, Oregon

The Ogden Transport Lecture is a free public lecture initiated in 2001 to recognise the key role that Ken Ogden played in the formation and development of the transport program at Monash University. The 2010 lecture was delivered on 24 August by Professor Jennifer Dill, Director of the Oregon Transportation Research and Education Consortium, Portland State University. The lecture focused on Portland, Oregon, a US city that has built an international reputation for its achievements in developing a more sustainable urban transport system. Portland's mixture of, busses and bicycles, along with innovative approaches to urban land use, distinguish it from most North American cities. Professor Dill described the factors that have contributed to Portland's success, the challenges ahead and the lessons can we learn from Portland's journey.

RIDIN' ON THE EDGE SYPOSIUM



Dr Daniel Paez (R) and Kim Edwards (C) (Department of Transport) take Professor Jennifer Dill (L), on a tour of the share bike facilities located round inner city Melbourne.

A half day symposium was held to highlight insights from the leading edge of bicycle transportation research. The seminar featured a keynote presentation from Professor Dill, *Putting Portland's cyclists under a microscope, a GPS study of cycling route preferences*. Presentations by Monash researchers included Dr Russell Thompson *Monitoring physical activity from active transport*; Dr Mahmoud Mesbah *Planning of bike-lane networks*; and PhD candidates Farhana Ahmed *I'm not going*

to ride in weather like this! Exploring the sensitivity of cyclists to changes in the weather and Marilyn Johnson *View from the bike: Improving safety for on-road cyclists*. Professor Dill held discussions with the Department of Transport, Bicycle Victoria and the Amy Gillett Foundation. She was introduced to the Melbourne Bike Share scheme by its manager, Dr Daniel Paez of the Department of Transport.

TRANSPORTATION RESEARCH WORKSHOP SEMINAR SERIES

7 May 2010

Overcoming barriers to movement in urban areas for older people

Professor Roger Mackett, Centre for Transport Studies, University College London

15 June 2010

Measures of transport inequality: Applying Lorenz curves and other economic distribution concepts

Associate Professor Cameron Gordon
Faculty of Business and Government, University of Canberra

27 July 2010

Evaluating routes on urban road networks using the mean-variance approach

Associate Professor Naoki Ando, Graduate School of Engineering, Kyoto University, Japan

10 August 2010

The potential advantages of high speed rail in the Basque country of Spain

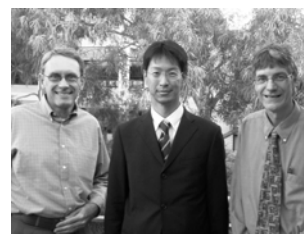
Mikel Murga, Center for Transportation and Logistics, Massachusetts Institute of Technology

3 November 2010

Nanosimulation: Modelling people, not just cars

Gordon Duncan, Azalient, Stirling University, UK

INTERNATIONAL VISITORS

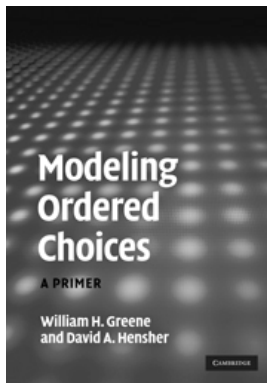


L-R: Associate Professor Geoff Rose, Associate Professor Naoki Ando and Dr Russell Thompson

ITS-Monash also received visits from Professor S.C. Wong (Hong Kong University), Professor Kouros Mohammadian (Illinois University, USA), Professor Srinivas Peeta (Purdue University, USA), and Associate Professor Naoki Ando, Dr Yuki Nakamura and Professor Eiichi Taniguchi (all from Kyoto University, Japan).

PUBLICATIONS

BOOK



Greene, W. H. and Hensher, D. A. (2010) *Modelling Ordered Choices: A Primer*, Cambridge University Press, Cambridge, United Kingdom.

BOOK CHAPTERS

Bliemer, M. and Rose, J.M. (2010) 'Serial Choice Conjoint Analysis for Estimating Discrete Choice Models' in *Choice Modelling: State-of-the-Art and the State-of Practice: Proceedings from the Inaugural International Choice Modelling Conference*, ed. S.Hess and A. Daly, Emerald Press, Bingley, United Kingdom, pp. 139-61.

Campbell, D., Hess, S., Scarpa, R. and Rose, J.M. (2010) 'Accommodating Coefficient Outliers in Discrete Choice Modelling: A Comparison of Discrete and Continuous Mixing Approaches' in *Choice Modelling: State-of-the-Art and the State-of Practice: Proceedings from the Inaugural International Choice Modelling Conference*, ed. S.Hess and A. Daly, Emerald Press, Bingley, United Kingdom, pp. 331-52.

Chintakayala, P. K., Hess, S., Rose, J.M. and Wardman, M. (2010) 'Effects of Stated Choice Design Dimensions on Model Estimates' in *Choice Modelling: State-of-the-Art and the State-of Practice: Proceedings from the Inaugural International Choice Modelling Conference*, ed. S.Hess, and A. Daly, Emerald Press, Bingley, United Kingdom, pp. 195-215.

Collins, A., Hensher, D.A. and Li, Z. (2010) 'Regional airports and opportunities for low-cost carriers in Australia' in *Development of Regional Airports: Theoretical Analyses and Case Studies*, ed. M.N. Postorino, WIT Press, Southampton, United Kingdom, pp. 149-74.

Hensher, D.A. (2010) 'Attribute Processing, Heuristics and Preference Construction in Choice Analysis (Invitational Keynote Paper for Choice Modelling Conference, Leeds UK. March 30-April 1 2009)' in *Choice Modelling: State-of-the-Art and the State-of Practice: Proceedings from the Inaugural International Choice Modelling Conference*, ed. S.Hess and A. Daly, Emerald Press, Bingley, United Kingdom, pp. 35-70.

Hensher, D.A. (2010) 'The Estimation of Travel Demand using Revealed and Stated Preference Data' in *Feasibility Decisions in Transportation Engineering: Strategies for Transport Evaluation*, ed. A. Cappelli and S. Nocera, McGraw Hill, United States, pp. 85-110.

Puckett, S.M. and Rose, J.M. (2010) 'Observed Efficiency of a D-Optimal Design in an Interactive Agency Choice Experiment' in *Choice Modelling: State-of-the-Art and the State-of Practice: Proceedings from the Inaugural International Choice Modelling Conference*, ed. S.Hess and A. Daly, Emerald Press, Bingley, United Kingdom, pp. 163-93.

SPECIAL JOURNAL EDITION

van de Velde, D., Veeneman, W., Hensher, D.A. and Steel, R. (2010) 'Editors of the Special Edition: Reforming Public Transport throughout the World', *Research in Transportation Economics*, vol. 29, no. 1, pp. 1-410.

JOURNAL ARTICLES

Aftabuzzaman, M., Currie, G. and Sarvi, M. (2010) 'Exploring the Underlying Dimensions of Elements Affecting Traffic Congestion Relief Impact of Transit Cities', *Cities*. Published online September 2010 doi:10.1016/j.cities.2010.08.002.

Aftabuzzaman, M., Currie, G., and Sarvi, M. (2010) 'Evaluating Congestion Relief Impacts of Public Transport in Monetary Terms', *Journal of Public Transportation* 13(1):1-24.

Archer, J. and Young, W. (2010) 'The measurement and modelling of proximal safety measures', *Proceedings of the ICE - Transport*, 163(4):191-201

Archer, J. and Young, W. (2010) 'Signal Treatments to Reduce the Likelihood of Heavy Vehicle Crashes at Intersections: A Micro-simulation Modelling Approach', *American Society of Civil Engineers Journal of Transportation Engineering*, 136(7):632-639.

- Barr, S., Fraszczyk, A. and Mulley, C. (2010) 'Excess travelling - what does it mean? New definition and a case study of excess commuters in Tyne and Wear, UK', *European Transport Research Review*, vol. 2, no. 2, pp. 69-83.
- Bliemer, M. and Rose, J.M. (2010) 'Construction of experimental designs for mixed logit models allowing for correlation across choice observations', *Transportation Research Part B: Methodological*, vol. 44, no. 6, pp. 720-34.
- Bonsall P. and Young W. (2010) 'Is there a case for replacing parking charges by road user charges?', *Transport Policy*, 17:323-334.
- Cheng, V., Rhodes, J. and Lok, P. (2010) 'A framework for strategic decision making and performance among Chinese managers', *International Journal of Human Resource Management*, vol. 21, no. 9, pp. 1371-92.
- Chung, D., Hensher, D.A. and Rose, J.M. (2010) 'Toward the betterment of risk allocation: Investigating risk perceptions of Australian stakeholder groups to public-private-partnership tollroad projects', *Research in Transportation Economics*, vol. 30, no. 1, pp. 43-58.
- Currie, G. and Delbosc, A. (2010) 'Modelling the Social and Psychological Impacts of Transport Disadvantage', *Transportation*, 37(6):953-966.
- Currie, G. and Delbosc, A. (2010) 'Exploring the Trip Chaining Behaviour of Public Transport Users in Melbourne', *Transport Policy*, 18(1): 204-210
- Currie, G. and Loader, C. (2010) 'Bus Network Planning for Transfers and the Network Effect in Melbourne, Australia', *Transportation Research Record*, 2145:8-17.
- Currie, G. and Tivendale, K. (2010) 'An Inclusive Planning Process for Citywide Bus Network Restructuring: Experience and Impacts', *Transportation Research Record*, 2145:18-29.
- Currie, G. and Delbosc, A. (2010) 'Bus Rapid Transit in Australasia: An update on progress', *Built Environment* 36(3):328-343.
- Currie, G., Richardson, T., Smyth, P., Vella-Brodrick, D., Hine, J., Lucas, K., Stanley, J., Morris, J., Kinnear, R. and Stanley, J. (2010) 'Investigating links between transport disadvantage, social exclusion and well-being in Melbourne – Updated results', *Research in Transportation Economics*, vol. 29, no. 1, pp. 287-295.
- Currie, G., Richardson, T., Smyth, P., Vella-Brodrick, D., Hine, J., Lucas, K., Stanley, J., Morris, J., Kinnear, R. and , John Stanley (2010) 'Investigating Links Between Transport Disadvantage, Social Exclusion And Well-Being In Melbourne – An Update On Results', *Research in Transportation Economics* 29(1):287-295.
- Delbosc, A. and Currie, G. (2010) 'Transport Problems That Matter – Social and Psychological Links to Transport Disadvantage', *Journal of Transport Geography*. Published online Feb 2010 doi:10.1016/j.jtrangeo.2010.01.003.
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Stanley, J. 2010 'Sustainable population: an urban transport perspective', The Parliamentary Library - Population papers series (Department of Parliamentary Services, Parliament of Australia, Canberra)

Truong, T. (2010) 'A comparative study of selected Asian countries on carbon emissions with respect to different trade and climate changes mitigation policy scenarios', Asia-Pacific Research and Training Network on Trade Working Paper Series, No. 86, November 2010.

Truong, T. (2010) 'Review of Analytical Tools for Assessing Trade and Climate Change Linkages', Asia-Pacific Research and Training Network on Trade Working Paper Series, No. 81, July 2010.

Truong, T. and Kemfert, C. (2010) 'WIATEC: A World Integrated Assessment Model of Global Trade Environment and Climate Change', DIW Working Paper No. 1021, Deutsches Institut für Wirtschaftsforschung, Berlin.

Truong, T. and Mikic, M. (2010) 'Trade and Climate Change – Development of the Emission Intensity Indices', Asia-Pacific Research and Training Network on Trade, Alerts on Emerging Policy Challenges, No. 6, August 2010.

WORKING PAPERS

Search based internet surveys: Airline stated choice

Andrew Collins, John Rose and Stephane Hess

Metropolitan bus service contracts: Thoughts on the next round

David Hensher and John Stanley

Passenger transport in the UK 1920-1950: The drive for 'co-ordination' of transport modes

Professor Corinne Mulley

What does it cost to travel in Sydney? Spatial and equity contrasts across the metropolitan region

David Hensher and Xiaofen Chen

Willingness to pay for travel time reliability in passenger transport: A review and some new empirical evidence

Zheng Li, David Hensher and John Rose

Heterogeneous truck routing policies with tour routing time restriction

Ada Suk Fung Ng and Mei Khing Ong

Missing and inaccurate information from travel surveys: Pilot results

Peter Stopher and Stephen Greaves

The accuracy of proxy responses in a stated choice setting

Matthew Beck, John Rose and David Hensher

The logistics implications of the emerging business model

David Walters and Jeffrey Newton

Factors that comprise driver boredom and their relationships to preferred driving speed and demographic variables

S. Heslop, J. Harvey, N. Thorpe and C. Mulley

Results of an evaluation of TravelSmart in South Australia

Peter Stopher, Yun Zhang, Jun Zhang and Belinda Halling

Short sea shipping: Lessons for or from Australia?

Helen B. Bendall and Mary R. Brooks

Interactive stated choice surveys: A study of air travel behaviour

Andrew Collins, John Rose and Stephane Hess

Social exclusion and the value of mobility

John Stanley, David Hensher, Janet Stanley, Graham Currie, William H. Greene and Dianne Vella-Brodrick

Does scale heterogeneity across individuals matter? An empirical assessment of alternative logit models

William H. Greene and David Hensher

Literature review of induced travel

Graham Currie and Alexa Delbosc

Development of a kilometre-based rewards system to encourage safer driving practices

Stephen Greaves and Simon Fifer

Accounting for differences in modelled estimates of RP, SP and RP/SP direct petrol price elasticities for car mode choice: A warning

David Hensher and Zheng Li

Development of a GPS/GPRS prompted-recall solution for longitudinal driving behaviour studies

Stephen Greaves, Simon Fifer, Richard Ellison, Yun Zhang and George Germanos

An evaluation of TravelSmart tools for travel behaviour change

Yun Zhang, Peter Stopher and Belinda Halling

Interrogation of responses to stated choice experiments: Is there sense in what respondents tell us?

David Hensher and Andrew Collins

A combined GPS/stated choice experiment to estimate values of crash-risk reduction

Simon Fifer, Stephen Greaves, John Rose and Richard Ellison

Can GPS replace conventional travel surveys? Some findings

Peter Stopher, Christine Prasad and Jun Zhang

Comparing GPS and prompted recall data records

Peter Stopher, Christine Prasad and Jun Zhang

PROFESSIONAL HONOURS and ENGAGEMENTS

FELLOWS

John Clements

Chartered Institute of Logistics and Transport, UK

Professor David Hensher

American Society of Planners; Academy of Social Sciences in Australia; Institution of Engineers, Australia (Companion); Australian Institute of Transport Planning Management; Chartered Institute of Logistics and Transport, Australia

Professor Corinne Mulley

Chartered Institute of Logistics and Transport, UK

Professor Peter Stopher

American Society of Civil Engineers; Institute of Engineers Australia (Civil College), Australia

Professor William Young

Chartered Institute of Logistics and Transport, UK; Institute of Transportation Engineers, Australia and NZ; Institute of Transportation Engineers, USA

PROFESSIONAL COMMITTEES

John Clements

Passenger Transport Group Committee Member, Chartered Institute of Logistics and Transport (Victorian section)

Professor Graham Currie

Transportation Research Board (USA) Committees on Research (Chair), Light Rail Transit Systems, Bus Transit Systems, and Public Transportation Planning and Development; Transport and Social Inclusion Committee

Dr Rhonda Daniels

NSW Premier's Council for Active Living Workplace Travel Planning Group, Australia

Associate Professor Stephen Greaves

University of Sydney Representative, Australasian Transport Research Forum; Transportation Research Board (USA) Committees ADC20 [Air Quality] and ABJ40-4 [New Technologies in Travel Surveys]

Professor David Hensher

Singapore's Land Transport Authority International Advisory Panel; Board of Advice, Institute of Transport and Logistics Studies - Africa, South Africa; Standards Committee on Logistics, Australia; NSW Department of Transport Technical Advisory Committee, Australia

Claudine Moutou

Newtown Precinct Business Association, Australia

Dr Ada Suk-Fung Ng

ITLS Representative, Friends of the Logistics Association of Australia; National Committee for Transport, Australia; Sydney Transport Panel, Australia

Dr Robert Ogulin

Academic Advisory Board, Australian Logistics Council.

Dr Sean Puckett

Centre for Research of Institutional Economics, Roma Tre University, Italy

Associate Professor Geoff Rose

US Transportation Research Board: University representative, travel demand management committee member; review panel for inaugural National ITS Awards, ITS Australia

Dr John Rose

Innovative Methods in Transport Analysis, Planning and Appraisal Programme Committee, European Transport Conference; Travel Survey Methods Committee, Transportation Research Board, USA

Dr Majid Sarvi

Transportation Research Board (USA) Committee – Traffic flow theory and transportation network modelling

Christopher Skinner

National Committee on Transport Engineering, Engineers Australia; Standards Committee IT-023 Transport Information and Control Systems, Australia; TC204 Working Group 1 (ITS Architecture, Taxonomy and Terminology) of International Standards Organisation Technical Committee TC204, Intelligent Transport Systems, Australia

Professor John Stanley

Advisory Board, Australian Davos Connection Forum Future Summit; Director, VicUrban Board, Australia; Member, Victorian Alpine Resorts Co-ordinating Council, Australia

Professor Peter Stopher

Transportation Research Board (USA) Committees on Survey Methods, Passenger Travel Demand Forecasting, Transportation Planning Applications, and Traveller Behaviour and Values; Committee on Planning and Economics, American Society of Civil Engineers; Scientific Advisory Panel Member, African Centre of Excellence for Studies in Public and Non-Motorised Transport, South Africa; Australasian Transport Research Forum, Australia; Survey Harmonisation and Technology Implementation, COST Project TU 0804

Dr Yibing Wang

Technical Committee on Transportation Systems, International Federation of Automatic Control; Advisory Committee of the European Project Network of Excellence for Advanced Road Cooperative Traffic management in the Information Society; Paper Review Subcommittee of the Freeway Operation Committee, Transportation Research Board, USA

Alan Win

President, Institute of Management Consultants, NZ

Professor William Young

Committee CE-001 Australian Standards Association, Parking facilities standards parts 1-6

CONFERENCE COMMITTEES**Associate Professor Stephen Greaves**

Co-organiser, Conference of the Australasian Institutes of Transport Research; Australasian Transport Research Forum, Australia

Professor David Hensher

International Executive Chair and Co-Founder, International Conference Series on Competition and Ownership in Land Passenger Transport

Associate Professor Geoff Rose

ITSC 2010 Program Committee; World Conference on Transport Research – Scientific Committee; Australasian Transport Research Forum – National Steering Committee; Conference of Australasian Institutes of Transport Research – Organising Committee

Professor Peter Stopher

Scientific Committee Member, Travel Demand Management Conferences, UK

Professor John Stanley

Australian Davos Connection Forum Cities Summit: Enhancing Liveability, Australia

Dr Russell Thompson

7th International Conference on City Logistics Organising Committee

Dr Yibing Wang

13th IEEE Annual Conference on Intelligent Transportation Systems Program Chair

Professor William Young

ITSC 2010 Program Committee

EDITORIAL POSITIONS**Professor Graham Currie**

Editorial Board: Road and Transport Research Journal

Professor David Hensher

Volume and Series Editor: Edward Elgar Publishing, Handbooks on Transport and the Environment, UK; Elsevier Science Handbooks in Transport, UK

Area Editor: Transport Reviews, UK

Editorial Board: Journal of Choice Modelling, UK; Cooperative Transportation Dynamics, Germany; Journal of Retailing and Consumer Services, UK; Transport Policy, UK; Journal of Transport Planning and Technology, UK; Transportation Research Part A: Policy and Practice, UK; Transportation Research Part E: Logistics and Transportation Review, UK; Journal of Transport Economics and Policy, UK

Editorial Advisory Board: International Journal of Transport Economics, Italy; Transportation, The Netherlands

Associate Professor Peter Lok

Editor: Journal of Global Business and Technology, USA

Professor Corinne Mulley

Editorial Board: Journal of Transport History, UK

Dr Sean Puckett

Editor: Book Series of Empirical Workshops of Centre for Research of Institutional Economics, Roma Tre University, Italy; Journal of Logistics and Sustainable Transport, Italy

Dr Majid Sarvi

Editorial board: Journal of Transportation Letters;
 Editorial board: Journal of Intelligent
 Transportation Systems; Editorial board: Journal
 of Advanced Transportation

Professor Peter Stopher

Editorial Board: Transportation Letters: The
 International Journal of Transportation Research,
 USA; Journal of Transportation and Land Use,
 USA; Transport Reviews, UK.

Dr Yibing Wang

Associate Editor: IEEE Transactions on Intelligent
 Transportation Systems Technical Committee on
 Transportation Systems; Book review editor:
 Transportation Research Part C; Associate editor:
 International Journal of Vehicle Information and
 Communication Systems; Editorial Board: The
 Open Transportation Journal; Guest editor: Special
 Issue on Vehicular Ad Hoc Networks for IEEE
 Transactions on Intelligent Transportation Systems.

Professor William Young

Editorial Advisory Board: Institution of Civil
 Engineers

INDEPENDENT EXPERTISE**Professor Graham Currie**

Submissions: State Parliament Select Committee
 Inquiry of Train Services; Federal Senate Inquiry
 into Public Transport, Standing Committee on
 Rural and regional Affairs and Transport
 Panel member: Eastern Metro Regional Electorate
 Council, Liberal Party Policy Discussion Group;
 Clayton Australian Labour Party Electorate
 Council Discussion Group

Associate Professor Stephen Greaves

NSW Department of Environment and Climate
 Change, Australia

Professor David Hensher

NSW and Australian federal governments;
 Macquarie Bank; NSW Sydney Transport Sector
 Study (NSW government); Land Transport New
 Zealand

Associate Professor Peter Lok

Baodao Optical Group, China

Professor Corinne Mulley

Urban Transport Planning Summit, Brisbane;
 Transport Symposium for Western Sydney Public
 Transport Users; Department of Planning, NSW
 State Government; The Premier's University
 Government Business Forum; Premier's Council
 for Active Living Workplace Travel Planning

Group; Sydney Leaders' Forum - Planning for
 Sydney's Future - Government and Business,
 Department of Planning, NSW State Government;
 Sydney Metropolitan Strategy Review: Key
 Stakeholder Forum; City of Sydney Council; NSW
 Transport and Infrastructure: Blueprint Reference
 Group

Dr John Rose

Australia: Macquarie Bank, John Holland and
 Thiess; Cegidem (formally Decision Research Asia).

Professor John Stanley

Standing Committee on Transport (Heads of
 Australian federal and state transport agencies) on
 the Moving People strategy

INVITED PRESENTATIONS**Geoffrey Clifton**

PhD Workshop, Academic Association of
 Historians in Australian and New Zealand
 Business Schools Conference, Australia.

Professor Graham Currie

TasBus Transport Forum, Hobart; Keynote,
 TasBus Conference, Hobart; Committee for
 Economic Development of Australia; Keynote,
 Wyndham City Council Transport Access and
 Inclusion Forum, Melbourne; Designing
 Sustainable Transport for Sustainable Cities Forum,
 Melbourne; Victorian Local Governance
 Association, Melbourne; Monash Research for an
 Ageing Society Forum, Melbourne; Transport and
 Crowd Management Forum, Jeddah, Saudi Arabia;
 Kernot Table Presentation, Melbourne; Australian
 Fabians Seminar, Melbourne; Urban Transport
 Planning Summit, Brisbane; Metropolitan
 Transport Forum, Melbourne; Keynote, Casey
 Transport Form, Melbourne; Committee for
 Melbourne, Melbourne; Glen Eira Metropolitan
 Transport Forum, Melbourne; Time to Talk
 Canberra 2030 with Wendy Harmer; University of
 Canberra; The High Cost of Free Parking,
 Melbourne; Public Transport Priority in
 Melbourne; Deputy Chair, Davos Australia Cities
 Summit, Melbourne

Dr Rhonda Daniels

Panel member, Rouse Hill Transport Forum; Presentation to water transport bureaucrats through University of Indonesia; Council of Social Service of New South Wales' Transport Policy Advisory Group, Australia; 10,000 Friends for Greater Sydney Workshop; Bus Industry Confederation National Conference, Australia; Western Sydney Community Forum, Australia; City of Sydney Council, Australia

Alexa Delbosc

Healthy Ageing Research Unit, Melbourne

Associate Professor Stephen Greaves

Australasian College of Road Safety's seminar - Toward Best Practice Cycling Infrastructure; Institute of Transport Studies, Monash University, Workshop: New frontiers in transportation modelling

Professor David Hensher

Keynote speaker at opening of Institute for Business Research, University of Waikato, New Zealand; Keynote, Australasian Transport Research Forum; Keynote, 51st New Zealand Association of Economists Annual Conference, University of Auckland, New Zealand; New Zealand Ministry of Transport; High Speed Rail World Conference, Australia; Chair, Lloyd's List Workshop on Road Pricing, Australia

Claudine Moutou

PhD Workshop, Academic Association of Historians in Australian and New Zealand Business Schools Conference, Australia

Professor Corinne Mulley

Keynote, Community Transport Organisation, Australia; Public Transport Planning Short Course, Institute of Transport Studies, Monash University and Transportation Research Centre, and University of Auckland; Council of Social Service of New South Wales' Transport Policy Advisory Group; Australasian Forum for Transport Research; World Congress of Transport Research, Portugal; Central Policy Meeting of the NSW Labor Party; Workshop on 'Link and Place', City of Sydney; Panel leader, 'Planes, trains and automobiles - getting the public transport mix right in our metro areas', National Infrastructure Conference

Associate Professor Geoff Rose

International and local developments in Bicycle Sharing Schemes; Seminar for Economics Society of Australia, Melbourne; Emerging Implications of Electric Bicycles Seminar at OTREC, Portland State University

Dr John Rose

INFORMA Australia

Chris Skinner

Keynote, Advanced Information Networking and Applications Conference; Engineers Australia Transport Engineering Panel

Professor John Stanley

Moving People – Solutions for a Growing Australia, Bus Industry Confederation Annual Conference; Overhauling Australia's road pricing, Committee for Economic Development of Australia; A National Moving People Policy for Australia, Sydney Transport Panel, Engineers Australia

Professor Peter Stopher

Keynote, International Conference on Travel Demand Management, Aberdeen, Scotland; Beijing Transportation Research Centre, China

IN THE MEDIA

PUBLIC TRANSPORT

Our Chairs in Public Transport for NSW and Victoria continued to be in demand by print and broadcast journalists for a range of issues including the new transport plans for Melbourne and Sydney.

Professor Graham Currie (Chair, Victoria) gave a number of interviews to local, national and international broadcasters including ABC TV's 7:30 Report and The Age Newspaper on congestion relief, land use and public transport. He was also interviewed by The Age Newspaper on the roll-out of the new myki ticketing system across Melbourne in 2010. He was interviewed on ABC Radio Canberra about the infrastructure needs of Canberra to 2030 and was invited to speak on strategies to reduce congestion in Beijing (China Radio International).

Professor Corinne Mulley (Chair, NSW) was interviewed on ABC Radio Sydney by Adam Spence and spoke to the Sydney Morning Herald Newspaper about the new MyZone fare system for Sydney. Professor Mulley appeared on Channel 7 TV News to discuss the on-time running of commuter trains. ABC Radio interviewed Professor Mulley on her views on the impact of the Auditor General's report on the performance of Sydney's buses which led to a discussion about network planning and the impact of strategic corridors. She spoke to Travel - the Community Transport Organisation Magazine about how community transport fits into the transport system in NSW and discussed buses for Sydney's future with YOpinion (Internet). Professor Mulley's views on the light rail plan for Sydney work were cited in the Sydney Morning Herald Newspaper article. Professor David Hensher was also asked for his views on Sydney's transport plan by a number of newspaper (The Australian, The Age, Daily Telegraph, and Sydney Morning Herald,) and ABC Radio.

CONGESTION CHARGING

Dr John Rose spoke to 2UE Radio about congestion charging and was quoted in the Sydney Morning Herald Newspaper. He also gave a television interview (Channel 7 News) on toll road financing. Professor David Hensher was also asked for his views on toll roads with Channel 9 TV, 2UE Radio and the Sydney Morning Herald Newspaper all asking him for his view on the toll on Sydney's M4.

BICYCLES

Associate Professor Geoff Rose was interviewed by G Magazine on the current state of electric bicycles in Australia. Associate Professor Stephen Greaves was interviewed by the Sydney Morning Herald Newspaper about Sydneysiders' relationship with bicyclists. Associate Professor Greaves was also interviewed by Radio France Internationale on his views on a proposed Sydney bike-share scheme. Professor David Hensher was asked to share his views on bicycle lanes on Bourke Street, Sydney and their implications for traffic, with the Sydney Morning Herald Newspaper.

ITLS-SYDNEY – INTERFLEET TRANSPORT OPINION SURVEY

As the newly launched ITLS-Sydney – Interfleet Transport Survey gained traction Professor David Hensher was in demand from the national media to comment on the survey results. Professor Hensher comments were quoted in the print media nationally (The Australian, The Age Newspaper, Adelaide Advertiser, Australasian Bus and Coach Magazine, Courier Mail (Queensland), and the Brisbane Times) and locally (mX Sydney and the Sydney Morning Herald Newspaper) and online (ABC Online, International Business Times, and the Supply Chain Review Magazine) and he was interviewed by a number of radio stations (ABC (Brisbane, Newcastle and Sydney), 2UE).

SUSTAINABLE CITIES

In addition to the widespread positive media coverage received on his 'Moving People - Solutions for a Growing Australia' report (newspapers – The Australian, Herald Sun, Brisbane Times, and the Sydney Morning Herald – and ABC Online) Professor John Stanley was also in demand for his views on sustainable cities following the launch of the Australian Davos Connection's Cities Report: Enhancing Liveability, which he co-edited. The launch of the report received widespread media attention, including a number of articles (newspapers – Australian Financial Review, Daily Telegraph, Sunday Canberra Times, and Sun Herald – and online – ABC News, The Climate Spectator Magazine, The Fifth Estate, and ON LINE opinion) as well as generating interviews and other coverage on ABC TV News and on radio (ABC Radio (National, Sydney, Illawarra), 2UE, 2GB, and Star FM).

OUR PEOPLE

BOARDS OF ADVICE

The purpose of the Advisory Committee at ITS-Monash and the Board of Advice at ITLS-Sydney and is to support the continued development and utilisation of the Key Centre as a centre of excellence adding value to the community. The academic and commercial membership of the committees gives a broad network for the sharing of expertise and experience. Particular contributions from members include: high-level advice on issues identified by the Committees and Key Centre staff for inclusion in the teaching and research programs and assistance with integration of the faculty and student activities, within the community of stakeholders.

ITLS-SYDNEY BOARD OF ADVICE



*Board of Advice Meeting, November 2010
(The Board also met in May 2010)*

L-R: Phil Potterton, Andrew Collins, Jyotirmoyee Bhattacharjya, John King, Wendy Adam, Dr Alastair Stone, Professor David Hensher, Stephen Rowe, Llew Russel, Darryl Mellish and Hal Morris.

Chair, ITLS-Sydney Board of Advice

Dr Alastair Stone

Managing Director, Pacific Infrastructure Corporation

Professor David Hensher

Director, ITLS-Sydney

Wendy Adam

National Traffic and Transport Planning Executive, Parsons Brinckerhoff

Gillian Akers

Senior Associate, Strategic Design and Development Pty Ltd

Dr Peter Barnard

General Manager, International Markets and Economic Services for Meat and Livestock Australia (MLA)

Warren Bennett

Executive Director, Board of Airline Representatives of Australia

Professor Chandra Bhat

Department of Civil Engineering, University of Texas at Austin, USA

Jyotirmoyee Bhattacharjya

Doctoral Program, ITLS-Sydney

Professor Axel Börsch-Supan

Director, Mannheim Research Institute for the Economics of Aging, University of Mannheim, Germany

Professor Ken Button

Director, Transportation Policy, Operations and Logistics Centre, George Mason University, USA

Andrew Collins

Doctoral Program, ITLS-Sydney

Professor Paul Cousins

Professor of Operations Management and CIPS Professor of Supply Chain Management, Manchester Business School, The University of Manchester, UK

Doug Dean

Managing Director, Veolia Environmental Services

Paul Forward

Principal, Evans and Peck

Jim Glasson

Chief Executive Officer, ComfortDelGro Cabcharge

Professor Phil Goodwin

Professor of Transport Policy, Centre for Transport and Society, Faculty of the Built Environment, University of the West of England, UK

Nicholas Hann

Managing Director, Infrastructure, Macquarie Bank, Australia / Canada

Len Harper

Executive Director, The Chartered Institute of Logistics and Transport in Australia

Brad Harrison

President, Logistics Association of Australia Ltd

Professor Trevor Heaver, Emeritus

Centre for Transportation Studies, Operations and Logistics Division, Sauder School of Business, University of British Columbia, Canada

Stuart Hicks

Chair, National Transport Commission, Chair, Planning and Transport Research Centre and Chair, John Curtin Institute of Public Policy

Michael Kilgariff

Chief Executive Officer, Australian Logistics Council

John King

Managing Director, Aviation and Tourism Management Pty Ltd

Scott Lennon

Partner - Economics, PricewaterhouseCoopers

Stephen Lucas

Managing Director, Warrnambool Bus

Professor Alan McKinnon

Director of the Logistics Research Centre, Heriot-Watt University, Edinburgh, UK

Darryl Mellish

Executive Director, Bus and Coach Association NSW

Hal Morris

Chief Executive, Australian Logistics Council

Professor Juan de Dios Ortúzar

Department of Transport Engineering and Logistics, Pontificia Universidad Católica de Chile, Chile

Professor Tae Oum

UPS Foundation Chair in Transport and Logistics, Sauder School of Business, University of British Columbia, Canada

Professor Greg Patmore

Associate Professor, Pro Dean, Faculty of Economics and Business, The University of Sydney

Phil Potterton

Canberra Manager, GHD Meyrick

Professor John Pucher

Bloustein School of Planning and Public Policy, Rutgers University, USA

Mark Rainbird

Managing Director, AWA

Associate Professor Geoff Rose

Director, ITS-Monash

Stephen Rowe

Director, Busways Group

Llew Russell

Chief Executive, Shipping Australia Ltd

Tony Sheldon

State Secretary, NSW Branch of the Transport Workers Union

Professor John Stanley

Adjunct Professor and Bus Industry Confederation Senior Research Fellow in Sustainable Land Transport, ITLS-Sydney

Professor Wayne Talley

Executive Director, International Maritime, Ports and Logistics Management Institute, Old Dominion University, Norfolk, Virginia, USA

Professor Kenneth Train

Department of Economics, University of California, Berkeley, Vice President, National Economic Research Associates, USA

Professor Peter Wolnizer

Dean, Faculty of Economics and Business, The University of Sydney

ITS-MONASH ADVISORY COMMITTEE

The Advisory Committee met in November 2010.

Chair, ITS-Monash Advisory Committee

Professor John Stanley

Adjunct Professor and Bus Industry Confederation Senior Research Fellow in Sustainable Land Transport, ITLS-Sydney

Associate Professor Geoff Rose

Director, ITS-Monash

Neil Aplin

COAG Road Reform Unit and Chair, The National Marine Safety Committee

Professor Graham Currie

Chair in Public Transport, Monash University

Charmaine Dunstan

Director, Traffix Group Pty Ltd

Rob Fremantle

Executive Director, Network and Asset Planning, VicRoads

Professor David Hensher

Director, ITLS-Sydney

Michael Hopkins

Executive Director (Policy and Communication), Department of Transport

Peter Hunkin

Transport Advisory Leader, Sinclair Knight Merz

Dr Michael Kennedy

Chief Executive Officer, Mornington Peninsula Shire

Brian Negus

General Manager Public Policy, RACV

Dr Ken Ogden

Ken Ogden and Associates

Kate Partenio

Director, GTA Consultants

Dr Tim Patton

Director, Spatial Analysis and Research
Department of Planning and Community Development

Ian Pitcher

Director, Victoria Division, AECOM

David Teller

Business Development Manager, Veolia Transport Australia

Gerald Waldron

Managing Director, ARRB Group

Professor Xiao-Ling Zhao

Head, Department of Civil Engineering, Monash University

OUR STAFF

ACADEMIC STAFF



ITS-Monash Staff

L-R: Professor Graham Currie, Brenda O'Keefe, Professor William Young, Pauline Forbes, Bill Kilpatrick, Dr Russell Thompson, Dr Majid Sarvi, Associate Professor Geoff Rose, Dr Yibing Wang, Nirajan Shiwakoti and Alexa Delbosc

Key Centre Director and Director, ITLS-Sydney
Professor David Hensher

*BCom(Hons) PhD UNSW, FASSA FCIT FAITPM
CompIEAust MAPA*

Director, ITS-Monash

Associate Professor Geoff Rose

*BEng QIT MSc PhD Northwestern MIEAust CPEng
MITE*

Chair of Civil Engineering, ITS-Monash

Professor William Young

*BE(Hons) UNSW GradDipMgt MBA Deakin MSc
PhD Monash FIEAust FCIT FITE MACRS*

Chair in Public Transport, ITS-Monash

Professor Graham Currie

BSc(Hons) Huddersfield MSc Cranfield

Chair in Public Transport, ITLS-Sydney

Professor Corinne Mulley

BA(Hons) Nott MSc PhD LSE, FCILT

Professor of Transport Planning, ITLS-Sydney

Professor Peter Stopher

BSc(Eng) PhD Lond, FIEAust MASCE MASA MITE

Professor of Logistics and Supply Chain Management, ITLS-Sydney

Professor David Walters

BA Alberta MSc Bradford PhD Cranfield

Associate Professor in Transport Management,
ITLS-Sydney

Associate Professor Stephen Greaves

BA(Hons) Leeds MSc Wales PhD Louisiana State

Honorary Professor in Aviation Management,
ITLS-Sydney

Professor Werner Delfmann

Prof Dr Dr hc

Honorary Associate Professor, ITLS-Sydney

Associate Professor Peter Lok

BAppSc MHP UNSW MBA PhD UTS

Honorary Associate Professor in Transport
Planning and Management, ITLS-Sydney

John Apelbaum

*BE GradDip Mon MEngSc Melb; CPE FIE Aust
FCILT*

Honorary Professor in Sustainable Transport
Systems, ITLS-Sydney

Professor Truong Truong

BE(Hons) UWA LLB MA MEngSc Sydney PhD Macq

Adjunct Professor and Bus Industry Confederation
Senior Fellow in Sustainable Land Transport, ITLS-
Sydney

Professor John Stanley

BCom(Hons) Melb MPhil Ston

Senior Lecturer in Transport and Logistics
Management, ITLS-Sydney

Dr John Rose

BEc(Hons) PhD Sydney

Senior Lecturer in Civil Engineering, ITS-Monash

Dr Yibing Wang

BSc Sichuan MEng Chongqing PhD Tsinghua

Lecturer in Logistics and Supply Chain
Management, ITLS-Sydney

Dr Ada Suk-Fung Ng

BSc Curtin WA PhD CUHK

Lecturer in Transport and Logistics Management,
ITLS-Sydney

Dr Sean Puckett

BA(Hons) WWU MA Washington PhD Sydney

Lecturer in Civil Engineering, ITS-Monash

Dr Majid Sarvi

BEng(Hons) MEng PhD Tokyo

Senior Research Fellow in Public Transport, ITLS-
Sydney

Dr Rhonda Daniels

BSc UNSW PhD Sydney MPS UNSW

Senior Research Fellow, ITS-Monash

Dr Russell Thompson

BAppSci RMIT MEngSc Monash PhD Melb

Postdoctoral Research Fellow, ITLS-Sydney

Dr Stuart Bain

BInfTech BEng(Hons) PhD Griffith MIEEE

Research Fellow, ITS-Monash

Mahmoud Mesbah

PhD Monash

Program Director, Transport Management Course
in Bus and Coach Operations, ITS-Monash

John Clements

BCom(Hons) DipEd Melb MEc MAdmin, FCILT

Course Manager, Transport Management Course
in Bus and Coach Operations, ITS-Monash

Astrid De Alwis

*BA Melb GDipT&DMgt RMIT MMktng Monash
GDipHRM Monash*

Lecturer, Safety Management Program,
ITS-Monash

Bill Kilpatrick

MRiskMan Monash

Lecturer, ITS-Monash

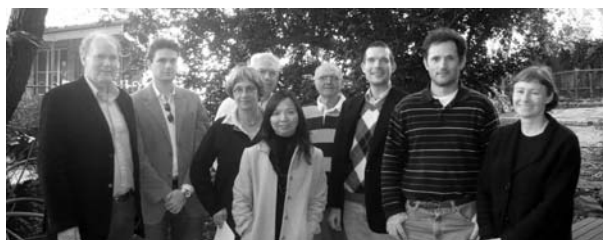
Nirajan Shiwakoti

BEng Tribuvan MEng Hokkaido

Research Fellow, ITS-Monash

Alexa Delbosc

BA Lewis and Clark MA Harvard



ITLS-Sydney Academic Staff

*L-R: Professor David Hensher, Dr John Rose, Professor
Corinne Mulley, Professor Peter Stopher, Dr Ada Suk-Fung
Ng, Professor David Walters, Dr Sean Puckett, Associate
Professor Stephen Greaves, and Dr Rhonda Daniels*

**SESSIONAL LECTURERS IN TRANSPORT,
LOGISTICS AND SUPPLY CHAIN
MANAGEMENT, ITLS-SYDNEY**

Sascha Albers

Dipl.-Kfm., CEMS-Master, Dr. rer. pol.

Matthew Beck

BEC(Hons) MPhil Sydney

Andrew Collins

BSc (Hons I) BA UNSW

Dr Nigel Harris

BSc Durham PhD Newcastle

Michael Hasking

CTM

Dr Peter Hidas

MSc PhD BME

Frederic Horst

BBus Dusseldorf MTM Sydney

Gareth Jude

BA(Hons) York MBus UTS DipEd Sydney

Dr Robert Ogulin

MBA PhD MGSM

Jersey Seipel

MA FH Frankfurt

Dr Farhad Shafaghi

MTech PhD Brunel

Professor Graeme Sheather

BArch UNSW MSc Technion M.Ekistics AFAIM

Chris Skinner

BSc Lond MEngSc UNSW MBA Deakin

Alan Win

CMC, CPIM

RESEARCH STAFF

Research Associate, ITS-Monash

Rita Seethaler

MSEc PolSc Bern PhD Monash

Senior Research Analyst, ITLS-Sydney

Christine Prasad

BSc(Hons) Monash CertHE Unitec NZ

Senior Research Analyst, ITLS-Sydney

Dr Yun Zhang

BSc BNU MSc LU PhD UTS

Research Analyst, ITLS-Sydney

Russell Familiar

BSc M App Stats MSU-IIT PhD UOW

Research Analyst, ITLS-Sydney

Jenny King

MTM Sydney GradDipCom BBuild UNSW

Research Analyst, ITLS-Sydney

Yang Lan

BSc NEU MCSEM MITM UTS

Research Analyst, ITLS-Sydney

Dr Wu Quan

BSc MEng BIT PhD UTS

Research Analyst, ITLS-Sydney

Jun Zhang

BEng(Hons) Wuhan

PROFESSIONAL STAFF

Administration Assistant, ITLS-Sydney

Bart Ahluwalia

BA(Hons) Lond

Administration Assistant, ITLS-Sydney

Kaylene Bodell

Office Manager, ITLS-Sydney

Jo Dumergue

Finance Coordinator, ITLS-Sydney

Anne Fernando

CPA ACMA

Website Manager, SORT Clearinghouse and World
Transit Research, ITS-Monash

Pauline Forbes

Administration Manager, ITS-Monash

Brenda O'Keefe

Projects Manager, ITLS-Sydney

Ruth Steel

BA(Hons) Lanc MSc MPhil Brist

Administration Coordinator, ITLS-Sydney

Annette Thomas