



**University of Salford**  
A Greater Manchester University

**School of Construction & Property Management**

# theLeader

**Issue 58 July 2005**



It is with great pleasure, but some sadness that I contribute to this last edition of The Leader to be published from the Riverside part of campus-future issues of newsletter will come from our new home in Maxwell building. I reflect back on 15, or so, years of good memories, that we share, from having worked together in Bridgewater, Smeaton, Brindley, and Telford.

It was here we celebrated our successes in Research, Teaching and AE. This is where we achieved our 6\* RAE status, the Queen's Anniversary Prize, and the many significant achievements in teaching and learning. This is the place where we have enjoyed a strong identity, a sense of community and unity, and a feeling of belonging to something special; though, it must be recognised, at the cost of being somewhat remote and isolated from the main campus.

Of course, we will miss the Riverside campus, but from August we will be in Maxwell, co-located with our sister schools in the faculty. This will enable us to be more visible and to contribute more to the life of the Faculty, the University and the community as a whole. I hope we all look forward to this challenge as a positive opportunity, but let us not forget our strong sense of identity and of community.

I would like to take this opportunity to sincerely thank all our staff, students and partners for their hard work and commitment to the School over the years. I am very confident that with your continued support and hard work we will achieve still more. We are very strong and we intend to build further on this.

Finally, I wish you all an enjoyable and relaxing summer break. Please come back refreshed but with plenty to contribute in our new home.

Professor Ghassan Aouad

Head of School

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Top: Goodbye to the Meadow Road Campus  
Left: The last School congress held on the Meadow Road Campus in June 2005

## Graduation Ceremony 2005

Graduation Day is always a highly pleasing event for all students and staff as it formally concludes the academic cycle. It is always very satisfying to witness students achieving the completion of their studies and receiving their awards, whatever their level of performance, and to remind ourselves how each has developed under the beneficial influence of all members of the School.

There was a pleasing number of both taught and research postgraduate graduates, some of whom are well known to us as active and visible members of the School, others whom we were meeting for the first time as international distance learners who clearly valued the Salford qualification so highly as to travel across the world to receive their award in person.

Our Celebration and Prize giving Ceremony was a superbly organised event with a full house of students, their parents and friends, and many of the Staff of the School, coming together for a truly memorable occasion.

*David Baldry, Associate Head (Teaching)*



### List of prize winners

#### ABE Prize

Ben Gardiner

#### Bruntwood Prize

Wesley Erlam

#### Building Magazine Prizes

Angela Hall  
Kaine Lewis Bradley  
Yus Fahmi Muhammed  
Gregory Acton

#### Christopher Thomas Memorial Prize

Stephen Wilson

#### Construction Management and Economics Prize

Wesley Erlam

#### Contractors Prizes

Christopher Lord  
David Blundell  
Michael Rider

#### Donald Stradling Fellowship Award

Mike Walmsley

#### EC Harris Prize

Anthony Thompson

#### Ede & Ravenscroft Prize

Gary Lewis

#### Franklin & Andrews Prize

Christopher Lord

#### Gerald Brown Memorial Prize

Christine Deane

#### GVA Grimley Scholarship Prizes

Daniel Maull  
Simon Redgers

#### Jacobs Babtie Prize

James Clifford

#### Property Week Prize

Paul Fisher

#### RICS Prizes

Angela Hall  
Christine Deane

#### School Prizes

Deborah Illingworth  
Tracey Turner

#### Special Prize

Alexandra Clark

#### SURFACE Inclusive Design Research Centre Prize

Garry Logan  
Gregory Acton

#### Tarmac Prize

Daniel Lincoln

#### Trett Consulting Prize

Peter Harrison

#### University Prizes

Wesley Erlam  
Kaine Lewis Bradley  
Abimbola Louise Massey  
Emma Green  
Keith Day  
Chris Shipley

#### Postgraduate prizes

**SURFACE Prize**  
Peter Greenwood

**Congratulations to the following students who have completed their PhD studies and graduated in July:**

- M. A. Nouredin
- S. Al-Atawi
- M. Al-Subai
- A. Al-Jarwan
- M. Elashaheb
- A. El-Hasia
- S. Lu
- Z. Nkowani
- A. Obaide
- A. Ross
- K. R. Salleh
- N. Taleb
- P. Thomas
- P. Tzortzopoulos



Prof Aouad, Prof Alshawi, Prof Ruddock, and Dr Ahmed with some newly awarded Drs. at the Lowry

### Salford – China: towards global harmonisation of construction research

A SCRI team led by Prof Aouad, Head of the School, visited five major Chinese universities (Tsinghua University, Hong Kong Polytechnic University, Tianjin University, Tongji University, and Harbin Institute of Technology), under the banner of UK-China Partners in Science, a one-year program supported by both British and Chinese governments to promote communication between scientists in the two countries.

"A construction boom prevails in China which is on the fast track of development. However, high energy consumption and low efficiency is a big problem. The country is still in the process of industrialization and faces the post-industrialization surge in the era of globalization. It is a challenge", commented Professor Qin Youguo from Tsinghua, "The experience of the UK will help China to avoid the same mistakes that the UK has made during its industrialization," said Professor Aouad during exchanges.

All agreed that distance, cultural background, mechanisms, and funding resources would be possible barriers for further cooperation but there was willingness to work together, one initial idea being a website to facilitate real-time exchange of ideas.



The workshop of UK-China Research in the Built and Human Environment in Beijing



SCRI team visiting Tianjin University

Prof Aouad visiting Tongji University



George and David scan the buildings on site

## Salford Staff reconstruct the Battle of Waterloo

Staff in SCPM and the School of Environment & Life Sciences have worked together to produce a virtual reality model of the farm at Hougoumont which was critical to Wellington's defeat of Napoleon's Grand Armée. Wellington's men successfully held the farm throughout the day of the battle, thus helping to defeat Napoleon. The virtual reality model attempts to help historians shed light on how it was done.

Revolutionary field laser scanning technology was employed over two days on site with a following week processing data and adding photographic texturing back at the University, to build a 3D virtual reality model of the area, which is being used by military historians to give them a unique view of the conditions facing troops during the battle.

The project will be featured in an hour long episode of Granada Television's Battlefield Detectives to be broadcast for The History Channel in the Autumn.

Sarah Ricketts



Sarah and Kim talk about texturing at Technology House



Andy is interviewed about the trees at Waterloo

## CIOB News

CIOB has agreed that Salford will become one of the CPD Presentation Centres from September 2005 - this will attract guest speakers from industry to give CPD presentations during the coming academic session.

As well as being Chair of the Manchester Branch of the CIOB, Eric Stokes has now been voted Vice-Chair for the new CIOB Regional Branch (covering Cumbria, Lancashire, Liverpool, and Cheshire). The new Branch (from January 2006) will 'oversee' the work of all the other Centres in the Northwest region.

## Staff bid success

Dr Dilanthi Amarantunga has secured funding from ESF to carry out research in "Construction and Women". Total value of the work is £ 313K. Dilanthi is supported by a team of researchers including Dr Richard Haigh, David Baldry, Prof. Ghassan Aouad, Dr Martin Sexton, Prof. Les Ruddock, Paul Chynoweth, Rita Newton, Dr Bingu Ingirige, and Dr Angela Lee. This project will focus on low female engagement in a professional capacity within the construction sector (both industry and academia) and will involve researching the education and training needs of professional women in the sector.

## Women in Construction - 'This was a Man's World...'

**Is it a man's world? It certainly isn't in the construction industry!**

That is why Hopwood Hall College, in collaboration with Bramalls Construction and The University of Salford hosted their first ever *Women in Construction Day* on 21<sup>st</sup> June 2005. The day was specifically aimed at encouraging more young women to pursue careers in the building professions and provide an insight into the types of roles involved in the construction industries. (to be continued on page 5...)

(Continued from page 4)

Fourteen Year 10 pupils from Balderstone Technology College, Rochdale enjoyed a fun packed day and gained a thorough understanding of what it means to work in construction. The day began with a visit to Bramalls head offices located at the impressive Lighthouse in Salford Quays. The group were welcomed by Bill Sergeant, Construction Training Manager, who introduced Trevor Gee, Western Regional Management Director and Paul Hughes, Area Director. The girls learned that a multi million pound construction company needed a broad range of skilled workers, from Receptionists to Accountants and Directors. The group also visited a working construction site - Crossfell Primary school in Crumpsall, North Manchester. As the building was nearing a state of completion, the girls met a wide variety of skilled trades-people, from Plumbers to Electricians, Plasterers to Joiners...

Later, at the University of Salford, in a taster day organised by Haizhu Cannon, Dr Dilanthi Amaratunga, senior lecturer and Frances Joddrell, Education Liaison Officer were able to tell the girls about student life and the qualifications needed to get the types of jobs they had seen being done that morning. The girls also tackled a hands-on *Roller Coaster Exercise* in the afternoon session, led by Mark Shepherd, Programme Director for BSc (Hons) Property Management and Investment and Dr Atif El'Hasia, a Construction Ambassador. Their challenge was to build a rollercoaster capable of conveying a marble down a track with only the most basic of materials.

The event was part funded by Aimhigher and the CITB. Following the success of the day, the verbal feedback was extremely encouraging. Many pupils said they were now thinking about studying at University and would be considering courses in construction. It is planned to make the *Women in Construction Day* an annual event.

Laura Sousa  
Hopwood Hall College

## IRW 2005

The Research Institute for the Built and Human Environment (BuHu), and the Salford Centre for Research and Innovation (SCRI) hosted the 2nd International Research Week at the Lowry, Salford Quays. The week comprised the SCRI Industry Day, 2nd International SCIR Symposium and the 5th International Postgraduate Research Conference in the Built and Human Environment.

SCRI Industry Day was built around the theme of "Delivering Health Care in the Built Environment". Presentations by internationally leading academics and practitioners including healthcare providers and users illustrated future emerging trends in the area. The 2nd International SCRI symposium brought together an international audience with a wealth of research and experience, who heard around 50 papers.

The 5<sup>th</sup> International Postgraduate Conference provided a stimulating and supportive environment for built environment postgraduates to present their research and meet other researchers working in similar fields. Delegates heard some 98 papers presented, representing 38 different countries.

Other events included:

- Keynote addresses from leading academics and industrialists to provide a global perspective and vision for built environment research;
- A choice of workshops with the opportunity to discuss research methodological issues and the challenges posed at different stages of postgraduate study;
- Constructive feedback for each researcher on their paper and presentation;
- An organised tour around Manchester to meet other delegates in an informal setting

One, of many, comments received was: "This was excellent. I have not come across anything like it, well structured and very informative. The atmosphere was inviting, encouraging, interesting, and stimulating. I look forward to returning next year".

## Prize winners at IRW 2005

### BuHu Prize

Michael Dickinson  
University of Salford



### Blackwell's Prize

Wafaa Nadim  
University of Salford



### RICS Research Foundation Prize

S. Mahdiputra  
Northumbria University



### ARCOM Prize

Kaushal Keraminiyage  
University of Salford



### CIB Prize

K. Tzoulas  
University of Salford



### CIB Prize

Claire Churchill  
The University of Salford



### SCRI Award

Jose Solis  
Georgia Institute of Technology,  
USA

**Andrew Thomas presented the Award for Sustainability at the Regional RICS Awards**

The RICS Awards celebrate the best building and conservation projects and the winners will take their place in a long line of highly original and impressive built environment projects. The entries were judged across four categories: Building Conservation, Regeneration, Sustainability, and Community Benefit. A total of 12 schemes were entered from the Northwest region. The projects range from the restoration of 'The Lion's Den' in Oldham's Alexandra Park to a new mixed-use development on the outskirts of Liverpool to the redevelopment of Sale Waterside. The winner from each category will go forward to the national round. Grand Designs presenter Kevin McCloud will present awards to the national category winners and to the overall RICS Building of the Year winner at a gala ceremony to be held in London in October 2005.

The RICS Northwest Press Competition is in its third year and celebrates the best of North West journalism in the fields of land, property and construction. Entries come from any publication in the North West either directly from journalists or RICS members who nominate journalists for particular articles they have written during the year December to November.



**CCI Operation Director addresses Liverpool Chamber of Commerce and Industry's Construction and Development Lunch**

**Andrew Thomas**, Director of the Centre for Construction Innovation and National Board, member of Constructing Excellence, recently addressed over 200 people at the Liverpool Chamber of Commerce and Industry's Construction and Development Lunch.

Andrew set out the Policy and Drivers for change in the construction industry and the initiatives that have supported the construction industry to embrace change and improve its performance. He described current and emerging papers and legislation on sustainability and the delivery of community benefit from construction and development projects including contractual conditions in publicly funded and grant assisted projects delivered by property developers, as well as projects undertaken directly by public bodies. Andrew urged attendees to ensure that they engage in consultation exercises on new policies.

**Student symposium in the built environment**

The 2005 annual North West Student Symposium was this year jointly organised by CEBE, in collaboration with the University of Bolton. Hosted by Bolton in April 2005, the event brought together final level Built Environment students and academic staff from universities throughout the North West of England, together with employers with an interest in research. It is designed to provide an opportunity to exchange ideas and study experiences and allow an exploration of the potential use of innovative research within industry. Students are able to present the findings of their final year dissertations to peers and staff from partner institutions. The symposium draws support from the Association of Building Engineers, The Chartered Institute of Building, The Royal Institution of Chartered

Surveyors, the British Institute of Architectural Technologists, and the Construction Industry Council. A wide range of topics were covered this year including a best practice model for urban regeneration-how the terrorist bombing of 1996 affected Manchester's urban regeneration, the classification of contaminated land as waste and how successfully ISO 9000 quality standards have been implemented in the construction industry.

Prizes were awarded in both the *best paper* and *best presentation* categories. The best presentation winners were Chris Lord (University of Salford, pictured below, right) and Linsey Brown (UCL, pictured below, left). Commended were Ebum Akinsete (Bolton) and Mike Walmsley (University of Salford).



Picture direct above, from right to left:

*Aled Williams, CEBE Subject co-ordinator for Construction and Real Estate,*

*Ebum Akinsete,*

*Michael Walmsley,*

*Alan Cornthwaite, Head of the Department of the Built Environment, University of Bolton*

### SCPM student made top 5 in the CEBE Student Award 2004-5

Yvette Regis, a student at SCPM, submitted an essay entitled 'What makes the best learning experience for a built environment student?' to the CEBE Student Award 2004-5 competition. Her essay was shortlisted as one of the top 5 essays by the Centre Director and is published on the CEBE website and in Transactions, CEBE's online journal.

### Dr David Eaton interviewed by BBC Radio 4

Dr David Eaton was recently interviewed by BBC Radio 4 about Private Finance Initiative (PFI). David, with the support of R Akbiyikli, a PhD student at SCPM, also held a PFI seminar at the Sakarya University in Turkey prior to the interview.

### CIB Task Group 58

The northern hemisphere launch of CIB Task Group 58: Clients and Construction Innovation took place in Rotterdam in March 2005 and was attended by a number of key personnel including Directors from the Danish Association of Construction Clients and the Swedish Association of Building and Construction Clients. The next TG58 meeting was held in Helsinki in June 2005 (in conjunction with 11<sup>th</sup> Joint CIB International Symposium Combining Forces). Further meetings will be arranged in Boston and Brisbane in 2006 and also a Workshop specifically exploring the theme of the theory of innovation with focus on the clients' role and input from other industries.



Picture shows the attendees at the committee for TG 58 in Rotterdam

### Launch of construction 2020 report

Looking to the future is an important step in any industry. The Co-operative Research Centre for Construction Innovation in Australia consulted industry leaders and members around the country eliciting their comments with a view to refining future research within the industry. All this information was collected and analysed and culminated in a report *Construction 2020 – A Vision for Australia's Property and Construction Industry*. This report, co-written by Keith Hampson and Peter Brandon (SCPM), documents a framework upon which Australia can set a research agenda. At the launch Minister McGauran (Minister for Science) heralded the Construction 2020 document as "the blueprint for the Australian Property and Construction Industry" and commended the CRC for Construction Innovation for this visionary initiative.



From Left to Right:

*Neil Marshall, Deputy Chair, Australian Construction Industry Forum (ACIF)*

*John McCarthy, Chair, CRC for Construction Innovation*

*The Hon. Ian Macfarlane, Minister for Industry, Tourism and Resources*

*Professor Peter Brandon*

*The Hon. Peter McGauran, Minister for Science*

*Professor Keith Hampson*

### Global agenda for construction industry launched



*Prof Peter Barrett*

Researchers have unveiled a major new initiative set to radically reform reputation and practice in the construction industry. Revaluing Construction - a University of Salford led research initiative looked at ways to create better value, more efficient processes and better jobs in construction – was officially unveiled at the CIB (International Council for Research and Innovation in Building and Construction) 11<sup>th</sup> Joint Forces Conference in Helsinki.

The international project, funded by the CIB, reveals a lack of trust between industry professionals - the cost of which leads losses of between 8-20% of the total contract price. It recommends longer-term perspectives and relationships including partnering arrangements to help combat this so that the value jointly created by construction is maximised, and the resulting rewards are equitably distributed between all stakeholders.

Salford University Pro-Vice Chancellor for Research and keynote speaker Professor Peter Barrett said: "Construction is often seen as confrontational, lacking vision and engaged in 'cut throat' competition - exacerbated by a lack of trust and poor communications. Our Global Agenda involved international workshops and surveys to identify areas of improvement in the future. The findings are highly significant and we are confident they will move the construction industry forward."

Work is continuing to promote and develop a more efficient and valued construction industry. National programmes across the UK, the Netherlands, Australia and other countries are being introduced to take this initiative forward.

*Rachel Conway*



## Staff and student news

### Mel Lees promoted to Professor and Chair in Education in the Built Environment



It is with great pleasure that the School announces that Mel Lees has been promoted to professor and awarded a chair in Education in the Built Environment. This comes on the back of Mel's work in the Centre for Education in the Built Environment (CEBE). CEBE goes from strength to strength and will add the successful bid for ERDF funding for an extension to the Knowledge Exchange activity in the North West to its list of recent successes.

Mel has been connected to the University 'man and boy'. It will be 31 years this September since he came to the then Department of Civil Engineering to study quantity surveying and construction economics. He was seventeen at the time-not even old enough to drink in University House! Interestingly, he was amongst the first students to be taught in Telford, Brindley and Smeaton buildings, which, as a School, we leave this summer.

Mel joined the staff of University College Salford in 1985 and became part of the University at merger in 1996. He has held a number of different posts during his time including: programme leader, associate head and head of department. His main interests are now in education and skills matters for construction and surveying, which he is developing through his director role in CEBE.

Congratulations to Mel and also to Drs **Dilanthi Amaratunga** and **Jack Goulding** for being promoted to senior lecturer recently.

### New staff recruitment

**Elaine Greenhalgh**, School Administrator  
**Elaine Smith**, PA to Head of School  
**Julie Fish**, Postgraduate Co-ordinator



Elaine Greenhalgh (right) with Dez Webster, the former acting Administrator and IT co-ordinator, at Dez's leaving presentation

### Badminton Tournament at SCPM

The first badminton tournament of the School of Construction and

Property Management took place in March 2005 at the University's Leisure Centre. The event was organised by the Salford CIB student chapter. The competition was open to all members of the school. More than twenty five players participated to the tournament, including the Head of the School, Research Institute Director, members of academic staff, research staff, administrative staff, and postgraduate students.



An SCPM football tournament has been proposed by Salford CIB student chapter. Watch this space!

### Editors:

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