



University of Salford
A Greater Manchester University

School of Construction & Property Management

theLeader

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*David Baldry,
Associate Head
(Teaching)*

Graduation Ceremony 2004

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 at Hemsley House 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.

Research graduates at the Lowry Centre pictured with Prof G Aouad and L Ruddock



Contents

- SCPM Prize Giving Ceremony 2004
- School Away Day 2004
- International Research Week 2004
- Business News
- Research Bids Success
- The CATIA Virtual Laboratory
- CEBE Recognised as Centre for Knowledge Transfer for the Built Environment
- SURFACE's Success in the 2004 Civic Trust Awards
- SCRI: Integrated Innovation
- Staff news
- Upcoming Events

Prize Giving Ceremony 2004



List of Prize winners

ABE Prize

Andrew William Hodgson

Bruntwood Prize

Lee Robert Watts

Building Magazine Prizes

John Bowker
Jonanne Clare Holme
Ian Anthony Goodwin
John Steven Shaw

Christopher Thomas Memorial Prize

Neil John Houlihan

Construction Management and Economics Prize

John Bowker
Damian Michael O'Hanlon

EC Harris Prize

Joanne Clare Holme

Contractors Prizes

Suzanne Deanne Craig
John Luke Smith

Gerald Brown Memorial Prize

Wesley Erlam (level 4 student)

GVA Grimley Scholarship Prizes

Keith Day
Andrew Morgan

Property Week Prize

Christine Deane

RICS Prizes

Daniel Maull (level 1 student)
Wesley Erlam (level 2 student)

School Prizes

David Colin Clitheroe
Steven Wassall
Stephen Joseph O'Grady
Deborah Lllingworth (level 1 student)

University Prizes

John Bowker
Joanne Clare Holme
Nova Turner
Lee Robert Watts

We would like to congratulate all the prize winners and our graduates and wish them every success in their future career!



Graduates on *MSc Project Management in Construction*

Borderless learning

Mel Lees, the Programme Director of MSc Project Management in Construction, was very pleased to meet his four graduates on the graduation ceremony. As the programme is delivered by the Internet, it was the first time that they could talk to each other face to face.

From left:

Bob Williams, has completed the programme after a serious illness and has now made a career change.

Geoff Lam, from Korea, now works in Manchester for an architectural practice.

Seok Ki Min, living and working in Korea, brought his wife and family to Salford for the graduation.

Ged Hutton, started the programme while working in Barbados. He then moved back to England before heading off to the Philippines. He completed the programme while working in Bahrain after another short spell in the UK.

School Away Day, 23rd April 2004

The 2004 School Away Day was held at Salford Quays in April. The Away Day brought together 90 members of staff, visiting professors and PhD students to debate the future development of the School. The concept of the day was to involve as many stakeholders as possible in sustaining the success of the School. The Away Day adopted a parliamentary style debate to stimulate the discussion. The engagement and enthusiasm from the attendance were impressive.

Reviewing the Away Day, Professor Ghassan Aouad, Head of School, commented: "The discussion proved that change seems to be inevitable. We also need to be flexible. As demonstrated at the Away Day, the idea of the 'Virtual School' should not consist of virtual interaction only, as the human element plays a big part in our success. I believe the

School will go from strength to strength with support from all our members of staff, students, visiting professors and external examiners.



International Research Week 2004



The School recently hosted the first International Research Week, which comprised SCRI Industry Day, SCRI Symposium and the 4th International Post Graduate Research Conference. SCRI Industry day saw a debate between Industry and Academia, with leading industrialists and academics discussing 'Bridging the gap between industry and academia.'

The 1st International SCRI Symposium was well supported with 50 papers from industry and academia, and 80 delegates attending over the two day conference.

The 4th International Research Postgraduate Conference was attended by about 120 delegates with 76 papers being presented. Seven prizes were awarded from BuHu, SCRI, RICS, ARCOM and Blackwells Science.

It was a very successful week, and our thanks go to all those who contributed.

Prize winners at IRW 2004

ARCOM Prize
David Manase
Wolverhampton University

BuHu Prizes
Sepani Senaratne
SCPM



Ruben Vrijhoef
Eastern Mediterranean University

SCRI prizes
Cemil Atakara
Eastern Mediterranean University

Sebastien Beyh
SCPM



Blackwells Science
Patricia Tzortzopoulos
SCPM



Business News

Since April, Marketing has organised and attended a series of recruitment exhibitions, including Interbuild 2004, a high profile event for the UK construction sector. It consisted of 20 halls, filled stands from contractors, construction companies, IT companies, publishers with 700,00 visitors attended. 280 copies of various brochures were distributed to enquirers.



SCPM stand at Interbuild

We held a Taster Day for 40 sixth formers from St John Rigby Sixth Form College. Their tutor Helen Corrie commented: "After the event, the feedback from students has been very good. Hopefully we will be able to visit you again next year."

David Eaton and Mark Shepherd successfully hosted a Construction Taster Day for two Aim Higher Cheshire and Warrington High Schools. Pupils commented on the day: "I liked it when we worked in different teams and worked against each other". 99% said the roller coaster exercise at SCPM was the most enjoyable part on the day. The Aim Higher co-ordinator has decided to bring 14 schools to Salford next year. SCPM will host one each term.



Making the model

Research Bids success

EUA Doctoral Programme Project *Innovative Practice for Doctoral Programmes*

The European University Association Doctoral Programme bid submitted by Salford University has been successful and has been selected under the theme "Innovative Practice". This proposal was jointly prepared by BuHu and IRIS and Dilanthi Amaratunga leads BuHu's submission. As part of this project, experiences of developing new and innovative practices for doctoral programmes will be compared. It will further include initiatives such as structured interdisciplinary programmes, partnerships with industry and business, development of doctoral schools and the introduction of a European dimension in doctoral training programmes.

Welcome new SCPM Visiting professor



We are pleased to welcome new visiting professor **Graham Hillier**, Director of Construction in Corus.

SCPM currently has 18 visiting professors. With their strong academic background and the extensive relationship with the industry, visiting professors have contributed to SCPM's success. We'd like to say thank you to all visiting professors. For a full list of academic profiles of all visiting professors, please visit www.scpm.salford.ac.uk or email: c.l.hyde@salford.ac.uk

The CATIA virtual laboratory: a possible revolutionised curriculum?

SCPM, alongside Massachusetts Institute of Technology, Hong Kong Polytechnic, the Royal Melbourne Institute of Technology, & Stanford University (considered to be world leaders in construction education) are working together with Gehry Partners LLP and Dassault Systemes on an initiative endeavouring to develop a

virtual laboratory for architecture and construction based on CATIA software.

This laboratory will use the latest CATIA technology to develop a virtual reality environment with the intention of improving teaching, research and interaction with industry. This will enable exchange of knowledge through the use of IT tools which will form a virtual laboratory for the exploration, testing, and simulation of ideas and concepts for all aspects of new and existing buildings. Professor Peter Brandon, one of the initiators of this project, commented: "This is a very exciting opportunity for us as it could become the root of a new curriculum for the teaching of all disciplines in the built environment and augment research into better products, performance, processes and use. It could change the construction educational syllabus and revolutionise current curriculum."

CATIA software, known as computer aided three-dimensional interactive application, has been used very successfully by the aircraft industry over recent years. Gehry Partners LLP, a world high flyer in the architectural sector, is a pioneer in using CATIA software in architecture design and is developing a digital project package that will enable it to be used in this newly created laboratory. Graduates from Salford and other partner universities will be able to access Gehry's case studies. With the software's assistance they can assess potential problems in advance and also figure out quantities and costs accurately. In other words, they can build a virtual building and gauge all the practical resources necessary via the computer.

For further information, please email p.s.brandon@salford.ac.uk



A new building in MIT, designed by Gehry Partners LLP

CEBE recognised as Centre for Knowledge Transfer for the Built Environment

CEBE has won its bid to the Higher Education Innovation Fund for a Construction Knowledge Exchange. The project is worth £1million in the first two years, with the expectation that funding will be extended for a further three years.

The award is part of a UK Government drive to create a portfolio of knowledge exchanges to improve the added-value of the university sector in the UK economy. A total of 22 knowledge exchanges have been created in this round.

Mel Lees, Deputy Director of CEBE, commented: "CEBE is highly delighted to have won this important and groundbreaking opportunity. It reflects the high standing and hard work of the CEBE group, both in Salford and Cardiff, and recognises the valuable work CEBE has been doing through its ACBEE project (Accelerating Change in Built Environment Education)".

CEBE has also been successful in attracting funding to support phase 2 of its ACBEE project. CITB-ConstructionSkills is providing £50k for the next 12 months and CEBE is currently exploring other sources of matched funding. This project is aimed at promoting better dialogue between higher education institutions and industry and has been very successful in identifying case studies of excellence.

CEBE is the Centre for Education in the Built Environment in which the School of Construction and Property Management at the University of Salford is a strategic partner with the University of Cardiff. CEBE was part of the Learning Teaching Support Network and is now part of the newly formed Higher Education Academy and is funded by HEFCE as a subject centre for academics in the built environment.

For further information, please Email: m.a.lees@salford.ac.uk

SURFACE's success in the 2004 Civic Trust Awards

SURFACE team's effort as an advisor to the project of Swansea Sail Bridge accessibility has been awarded a 2004 Civic Trust Award. Marcus Ormerod, Director of SURFACE said: "The bridge is part of a much larger redevelopment of the dock area and will eventually be about 40 buildings and we have been working with the Welsh Development Agency on it for about 18 months - the bridge with Flint & Neill Partnership was the first part we were involved in."



The Award Manager congratulated the team: "This year we had 400 entries, so your achievement is very significant and was won against strong competition."

Andrew Lewis, represented the team, received a plaque in the Award ceremony on Thursday 30th June.



SURFACE is also actively involved in organising a one-day seminar – **Fire Safety for Disabled People** being held at the Armouries in Leeds in October 2004. It is being organised in conjunction with the Chief Fire Officers Association and is looking into how disabled people may be safely evacuated from buildings in an emergency. SURFACE are analysing the data from a round table event being held on 21st July 2004 and presenting the findings at this conference.

Integrated Innovation

Since its launch in June 2002, SCRI has grown strongly in the field of construction innovation. The fact that SCRI is working with more than 60 industrial organisations suggests that this approach is already having a positive impact.

SCRI's Forums contributes to its success. These are regular training workshops where industry representatives are invited to discuss their research needs, learn about the innovative research being carried out and suggest problems that SCRI might look into. Another secret of SCRI's success is the generic approach to problems which can be applied to many sectors.

Examples include SCRI's work on process mapping. This was so well received that it has become a flagship method for process mapping, and a number of companies working in different areas have now taken up the results and customised the process to suit their own organisational needs.

SCRI has also expended its research to develop the concept of three-dimensional computer modelling of the built environment to cope with whole-life construction issues in the design of modern buildings and facilities. So far this project has developed an nD prototype tool that incorporates aspects of accessibility, costing, sustainability and crime prevention. It is currently being tested on the extension of the flagship Lowry building and a social housing development project in Gibraltar. This work has led to collaboration with more than 75 European partners in the 12m euros Framework 6 Intelligent Cities (INTELCITIES) project.

Professor Aouad commented: "All in all, I would say that becoming an Innovative Manufacturing Research Centre has given us a lot more flexibility. It's really transformed the way we do our research!"



New appointments, we welcome:

Craig Brown, School Office Assistant
Josephine Odoni, Knowledge Management Officer
Karen West, STAR/SCRI PA/Assistant

We also welcome staff from Revans Centre:

David Botham; Davina Clarke
 Veronica Jones; Retta Moran
 Juliette Russell; Donna Vick

Sadly we said goodbye to

Kelly Williamson and Margaret Nelson. As Academic Enterprise Officer, Kelly's hard work and commitment in AE contributed to the success of AE in the School. She has set off to pursue her dream of traveling the world and will be missed by all her friends and colleagues. Margaret received her Doctoral degree in the July graduation ceremony and has been appointed as a lecturer in Sheffield University. We wish them all the best in the future.



Kelly, wearing her Australian hat made by a colleague, receiving a presentation from Prof K Alexander

SCPM babies

Congratulations to Chet Narsih and his wife Bharti! The baby boy, 8lb 5oz – full head of hair when born on 26th May, has been named as Rohan.



Baby **Aaron Hanbridge**, arrived on 15th January weighing 7bs 6ozs. His dad Ian Hanbridge and his mum Alison, a former member at SCPM, are very proud of him.



Here Aaron can be seen enjoying a recent holiday.

The Great Manchester Run

Andrea Coates and Pam Lowe completed the Great Manchester Run. They raised over £200 for the Cancer Research. Andrea completed the run in 1 hour 16 minutes and Pam was about 1 hour 2 minutes.



We did it. Andrea (left) and Pam after the Run.

Note of thanks

Many thanks to staff and students in SCPM who donated money to help the mother of a Chinese Salford student, Fengshuo, who was killed in a hit-and-run incident. Before Mrs Bai left the UK, she asked the editor to pass on her thanks to everyone who helped her.

Upcoming events

Fire Safety for Disabled People 7th October 2004

Royal Armouries Museum, Leeds

SURFACE team will present the findings of the Round Table held on July 21 2004. For further details, please call: 01274 655833 or visit www.Wyfp-panel.org.uk or email alec.martin@westyorksfire.gov.uk

Construction Taster Day 27th October 2004

For details of the event, please email: h.cannon@salford.ac.uk

Contributions to the next issue of the newsletter are welcome!

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