

# THE BOLT

News from the University of Bolton **Issue 19** Summer 2012



University  
of Bolton

University  
of Bolton

**Bolton  
one**

Health, Leisure and  
Research Centre

Main Entrance →

Health Centre →

Leisure Centre →

Bolton  
Council

NHS Bolton

**£31m leisure, health and research centre opens**  
**Olympic celebrations**  
**Bolton to Bollywood**  
**Knife-proof material innovation**

# WHAT'S NEW

Welcome to a new issue of The Bolt magazine, bringing you news from the University of Bolton.

This issue unashamedly focuses on the triumph that is Bolton One, a fantastic new facility for students, staff and the whole community.

Not only do we have a new swimming pool, gym and dance studio on our doorstep, provided by Bolton Council, but we also have new health service facilities as well. For the University, Bolton One provides excellent research and teaching space, but also an opportunity to develop services that are available to everyone. There is a new sports hall and climbing wall available to hire. We have a Sports and Spinal Injury Clinic, which provides essential professional learning opportunities to students and an amazing service to the public. We have an Athlete Development Centre that is a centre of excellence for England Athletics, but its facilities can be used by anyone. And our research centre based in Bolton One, the Centre for Research for Health and Wellbeing, will be working with its neighbours to create the primary care equivalent of a teaching hospital in Bolton One – another 'first'.

We also had the pleasure of opening the University's first law court which provides fantastic facilities for students to develop their advocacy skills. The court is dedicated to His Hon Judge William Morris, Honorary Recorder of Bolton, to mark his retirement from the Bench.

This issue is also packed with news from across the University's international activities as well as our research success stories. Our academics and students have achieved great things this year – we hope you enjoy reading about them.

Deana Morris  
The Bolt Editor

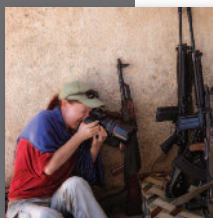
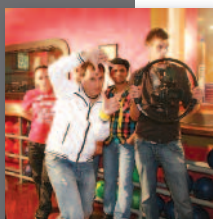
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Front cover: Bolton One  
Back cover and page 10: Student Terry Bobie-Agyekum holds the Olympic flame, with fellow torch bearers and singer Eliza Doolittle, with kind permission from Coca Cola



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# University dedicates law court to retiring judge

## The legacy of retiring His Hon Judge William Morris lives on in a new £100,000 law court opened at the University.

Three judges were the first to enter the new court in Senate House, to be used by students studying Law, to develop and improve their legal and advocacy skills. Students study on the Law LLB (Hons) degree, both full-time and part-time.

The moot court boasts the latest in technology, filming students from several fixed points in the room and giving them in-court facilities to play back their advocacy performances, allowing them to review and hone their professional skills.

The court was opened by The Hon Mr Justice, Sir Ernest Ryder QC, High Court Judge and presiding Judge for the North Circuit, pictured centre, seated.

The court is dedicated to His Hon Judge William Morris, Honorary Recorder of Bolton, to mark his

retirement from the Bench and in recognition of his outstanding service to the people of Bolton and the legal profession.

His Hon Judge William Morris, pictured seated right, has been appointed an Honorary Professor of the University on his retirement.

Said The Hon Mr Justice, Sir Ernest Ryder QC: 'This is a fantastic facility – better than any court that I sit in anywhere in the country.'

'Both William and I were born in Bolton and we both take great pleasure in seeing this fine institution growing on our doorstep.'

'The work the students will do in this court, developing clarity of language and confidence in their judgement, will be important skills for them.'

Said His Hon Judge William Morris, as he unveiled a commemorative plaque: 'Today is my retirement. I have been a judge for just over 17 years, 13 of which have been here in Bolton.'

'This is a magnificent moot court –

what an outstanding facility it truly is. To have it dedicated to me, and to be made an honorary professor – how magnificent. What an honour – I feel it keenly.'

Also attending was His Hon Judge Timothy Clayton, seated left, who will take on the role as Recorder at Bolton.

Baroness Morris OBE DL DPhil LLD, Chancellor of the University of Bolton, and Dr George Holmes, Vice-Chancellor of the University of Bolton, pictured standing right and centre, attended, as did senior academic staff and representatives from Bolton's Law Society. Also pictured, Mayor of Bolton, Councillor Noel Spencer, MBE.



# University leads culture mission

**The University of Bolton is leading a town-wide mission to create a week-long free arts festival.**

The University is working closely with Bolton Sixth Form College, Bolton College, Bolton Arts Forum and Bolton Council to create a wealth of events for summer 2012, all to be part of Bolton Festival of the Arts.

From June 14–June 21 the town centre, together with the University and college campuses, will play centre stage for events spanning the arts – from shows and exhibitions to workshops and live performances.

Said the University's Dean of Faculty for Arts and Media Technologies, Sam Johnson: 'Bolton Festival of the Arts will celebrate our town's astounding wealth of creative talent and highlight what a bustling cultural centre Bolton is.

'Our goal is to give the people of the Bolton – and the visitors to the town that this event will attract – an invaluable opportunity to share an experience that is designed to uplift, amaze and inspire. This festival is for everyone and everyone is welcome.'

The festival will begin on 14 June, with the simultaneous launches of the University of Bolton Creative Show and the End of Year Shows for Bolton College and Bolton Sixth Form College. The following week's events will include:

- an arts and crafts celebration at St Andrew's Church, St Andrew's Court
- an Arts Trail – a 'treasure hunt' of art and poetry on show across town centre shops, together with groups of performing artists set to entertain crowds at key town centre locations

- a weekend of performances and entertainment across the town centre
- a week of exhibitions from local artists in the Market Place and St Andrew's Court
- readings for children with past finalists and winners of the Bolton Children's Book Award.

Added Sam: 'The event will create a unique opportunity for people of all ages and walks of life in the Bolton area, such as local schools, colleges and community groups involved in theatre, arts and music, to shine. Bolton Festival of the Arts will give artists from different disciplines a showcase for their work with displays, exhibitions and demonstrations over a week-long period – we can't wait for it all to begin!'

The University will close the festival with an event that showcases the latest careers open to young people in the digital and creative industries, hosting the ever-successful annual Digital and Creative Futures event for Year 9 to 12 pupils.

For more details of how to take part in Bolton Festival of the Arts contact Mandy Parkinson [m.parkinson@bolton.ac.uk](mailto:m.parkinson@bolton.ac.uk) or Laurette Evans [L.Evans@bolton.ac.uk](mailto:L.Evans@bolton.ac.uk)



## Honour for founding father

**University of Bolton Vice-Chancellor, Dr George Holmes, has paid tribute to the man who built the foundations of the University Augustus John Jenkinson, known to all as 'Jack'.**

At a special ceremony attended by his six children – Mark, Seth, Charles, Dorothy, Sarah and Daniel Jenkinson – a plaque was unveiled, commemorating Jack Jenkinson's achievements. His family was then given a tour of campus.

The plaque was in storage during building work but is now installed in a prominent position in the University's main public entrance, Senate House.

Said Dr Holmes: 'In our history lies our future. If the next 50 years see as much growth then ours will be the biggest University in the UK.'

Dr Holmes described the University's global reach today with a campus in the United Arab Emirates and its degree programmes taught across the world. He credited Jack Jenkinson with giving the University a 'great start'.

The plaque was unveiled by his son, Charles, from Grantham who said: 'I am very proud of my father, and impressed with the University.'

Jack Jenkinson was the first Principal of Bolton Institute of Technology, which opened in 1964 and remained Principal until 1970. Prior to that he was the first Director of Bolton Training College

1946-48 and Principal of Bolton Technology College from 1951-64.

He developed Bolton Institute of Technology's first degree programmes, validated by the Council for National Academic Awards, in Civil Engineering and encouraged the development of a true University environment – languages and business, philosophy and sociology, mechanical engineering and the visual arts, psychology and literature, his own subject.

In 1966 Jack Jenkinson was appointed OBE for services to education in the Queen's Birthday Honours List.

In 1990 he was honoured by Bolton Institute of Higher Education with an Honorary Fellowship, in recognition of his long and illustrious career.

Jack Jenkinson died in 1992, aged 83.

# Building a better Bolton together

**Young people in Bolton are set to benefit from the new Bolton Education Zone Partnership between the University of Bolton, Bolton College and Bolton Sixth Form College.**

More than £100 million has been invested in creating new facilities for all three institutions over the past three years.

Now a collaborative agreement has been signed by governors from each of the organisations.

And there to witness the venture's launch were the Principals of the Bolton College, Marie Gilluley, and Bolton Sixth Form College, Steve Wetton, as well as the Vice-Chancellor of the University of Bolton, Dr George Holmes and the University's Chancellor, Baroness Morris of Bolton OBE DL DPhil LLD.

Bolton Council's Chief Executive, Sean Harriss, spoke at the launch about how the partnership would benefit Bolton.

Working together, the three organisations have signed up to:

- fill the gap left in Bolton by the abolition of the Aimhigher university access scheme, by developing local activities that encourage young people to consider higher education



- investigate sharing facilities in the future; for example, Bolton College and the University are looking at new automotive studies opportunities with a potential new-build on Deane Road

- collaborate in the development of health and sports programmes now based in the new £31m Bolton One health, leisure and research complex

- ensure that progression routes between levels and institutions are clearly communicated to college learners.

Said Dr Holmes: 'It is our great

privilege to be at the centre of a learning hub that has greatly benefited from such significant financial investment. But the future wealth of our town lies in our young people and it is our institutions' investment in working together that can build the best, supportive pathways'.

Pictured seated, from left: Martyn Cox, Chair of Governors, Bolton Sixth Form College; Dr Holmes; Gareth Evans, Chair of Governors, Bolton College. Pictured standing, from left: Steve Wetton; The Baroness Morris of Bolton OBE DL DPhil LLD, and Marie Gilluley.

## MEP puts EU law in the dock

**Law students have been questioning North West Conservative MEP, Sajjad Karim, at a special lecture organised by their faculty.**

Mr Karim is the Conservative Party's European Legal Affairs spokesperson. In this role he works to improve and simplify the law-making process of the European Union (EU).

Speaking with the students, he discussed everything from the Eurozone's economic crisis to the legislative process and laws of the EU.

He said: 'It is important for legal students to fully understand European law, its legislative nature and the effect

it has on their everyday lives. The current financial situation in the Eurozone is a prime example. These are important and testing times for Europe, economically and politically.'

Whilst EU law and legislation dominated the discussion, Mr Karim was also very impressed with the diversity of questions students were asking. He added: 'Some of the questions I was asked were very insightful and direct, covering everything from trade within Europe to a wide range of political issues.'

Mr Karim will now work with the University's Law team to arrange a student visit to the European Parliament in Brussels.



# Bolton to Bollywood

**University of Bolton student, Zafar Iqbal, brought a super-sized Bollywood love story to Rochdale, just in time for Valentine's Day.**

Postgraduate Diploma in Education student, Zafar, has written and directed the feature-length, romantic comedy called, My Big Fat Love Story, shot in his hometown.

The film had its television premiere on the most romantic night of the year and now it is set to enjoy a cinematic premiere in Bolton in June.

The film tells the story of two British Muslim couples who deal with the everyday strains of a relationship in modern Britain.

Zafar said: 'My Big Fat Love Story is a simple, poetic movie based on the conflict of a modern and traditional couple, with a touch of Bollywood. It will make you laugh, cry, dance and celebrate love as never before.'

He said: 'We shot in Rochdale, Heywood, Burnley, Littleborough, Calderdale, Manchester, Haslingden and Pendle. The team enjoyed giving autographs to the public who loved watching the filming of song and dance sequences.'

My Big Fat Love Story was made for just £10,000 and Zafar says he has learned a lot from putting it all together:

'For me, making this film has been a learning experience from every angle you can imagine, dealing with all the good, bad and ugly. I'm proud of myself and the team for completing a fine film that will hopefully become a historical work.'

My Big Fat Love Story was screened on DM Digital, Sky Channel 802, at 6pm on Valentine's Day. Its cinema premiere event, part sponsored by the University, will be held at Vue cinema with guests including the Mayor of Bolton

Picture: Zafar Iqbal (centre) with his production crew



## Graduate film maker takes top award

**An eminent British actor and a Hollywood film director have given their seal of approval to University of Bolton graduate and independent Manchester film maker, Jason Wingard.**

Jason won the coveted Virgin Media Short (VMS) Grand Prize. His film, 2:20, wowed an esteemed judging panel, led by actor, John Hurt CBE and Bourne Supremacy and Ultimatum director, Paul Greengrass.

Jason, who graduated from the University in 2004, received £30,000 towards his next film, along with expert advice from the British Film Institute.

This has been Jason's second success in this contest, after winning the People's Choice award in the previous year's competition.

He said: 'I am so happy to be named the winner of Virgin Media Shorts – second time lucky! Winning the

People's Choice Award was fantastic but it whetted my appetite for more so to win the Grand Prize is phenomenal.'

Jason's film tells the story of a man unwittingly living on borrowed time. Waiting for a friend outside a restaurant on Manchester's famous Curry Mile, the man receives an unusual gift. It is a pair of glasses that allows him to see when other people will die, only for him to get a shock when he sees his own reflection.

Following his success at VMS, Jason now works with independent production company, Irresistible Films, and is hoping his directing career will reach even higher levels.

He said: 'I've seen how this competition can open doors for film makers, and am delighted that my work has been given the seal of approval by the likes of John Hurt – it is a true honour.'

The veteran actor was full of praise for Jason. He said: 'The breadth of

talent displayed by this year's entrants was extraordinary, which made it a very difficult but nonetheless enjoyable task judging the entrants. For me, 2:20 is a really neat idea, beautifully realised. I'm looking forward to seeing what Jason does next.'

Bright lights: pictured from left, John Hurt CBE, and Jason Wingard.



# Train safety success

**Bolton PhD graduate, Dr Emmanuel Matsika, has contributed to the design of the world's first truly crashworthy table, designed to save the lives of wheelchair users in a train crash.**

What makes the new table unique is its internal construction. It is structurally engineered to dispel substantial amounts of passenger users in a train crash.

Simply put, if the wheelchair user hits the table at high-speed, the table would absorb the impact, leaving the passenger with only minor injuries.

Emmanuel said: 'Such is the design of the table, it doesn't matter how big the person is, or how fast they are propelled, the table will absorb the force in a controlled manner. On impact the internal structure of the table will concertina, thereby cushioning the impact.'

This work has been conducted under the supervision of leading crashworthiness expert, Professor Clive Chirwa, and materials expert, Professor Peter Myler, at the Bolton Automotive and Aerospace Research Group (BAARG) in the Faculty of Advanced Engineering and Sciences.

Emmanuel's research and investigation process has been exhaustive and thorough: 'We have repeatedly simulated crashes using the table and the findings have been very positive. All the results have been validated as accurate by independent organisations.'

At the moment wheelchairs on a train are only secured by their brakes and are positioned in allotted areas of a carriage. The wheelchair's brakes stop it from moving when a train travels at normal speeds.

But if there were to be a collision or heavy braking, the wheelchair could become unsecured or, in extreme cases, airborne. This poses the risk of potentially life-threatening injuries to both the wheelchair user and fellow passengers.

Emmanuel's solution is a simple one – insert a small, lightweight but highly durable table into that space and

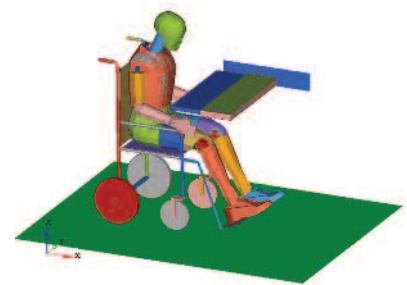


position the wheelchair user so they face it. He has spent years researching and developing his ideas to achieve this optimum design.

According to the Rail Safety and Standards Board (RSSB), wheelchair users are statistically more likely to be severely injured during a train crash. They are more at risk of head, facial, chest, stomach, back and internal injuries, depending on the impact and the position of the wheelchairs.

Emmanuel has had to work within strict guidelines as accessibility for wheelchair users, or Persons with Reduced Mobility (PRM), is monitored by the Department for Transport and a number of European authorities.

All European trains must comply with the Technical Specification for



Interoperability for Persons with Reduced Mobility (PRM TSI), which are a strict set of rules that cover accessibility for all trains, train stations and rail infrastructure across the EU. Emmanuel's table complies with these regulations.

The next step for Emmanuel is to patent the idea and then present his results, findings and table design to regulatory bodies such as the RSSB.

## Games' graduate developers return for student expertise



**Games Design students at the University have been testing the latest in prototype driving-game technology for one of the world's leading developers, Codemasters.**

Darren Hayward, Nick Rathbone and Mark Tobin are all graduates of the University's Games Design course and now work for Codemasters in Birmingham.

The trio returned to the University to work with its specialist gaming students as games students give developers more detailed information and feedback than a casual tester.

Darren is a Games Designer at Codemasters. He said: 'We were really impressed with the feedback we received from the games students. We got a lot of detailed, knowledgeable opinion from everyone that took part in the test.'



From left: Nick, Mark and Darren

Codemasters has a 25-year history of producing groundbreaking titles for early gaming platforms like the Spectrum ZX through to the modern day consoles of Playstation 3 and Xbox 360. It is also well known for its racing and driving games, such as the DiRT titles and the Formula One franchise. The 2011 version of the F1 series was one of the year's most critically-acclaimed and bestselling

cross-platform games. It is this racing game heritage to which the University's students will contribute.

Feedback will now go back to Codemasters and be used to improve the company's next generation of driving games. Darren added: 'The test was a huge success and the feedback we gathered will go a long way to improving our games in the future.'

## James set to build UAE links

**A new scholarship that gives University of Bolton graduates the chance to live, work and study in the United Arab Emirates (UAE) has been awarded to James Corners.**

The Ras al Khaimah (RAK) Marriott Scholarship is funded by the Rotary Club of Bolton-Le-Moors. As well as giving James the chance to study and work at Bolton's UAE campus, James will build lasting relationships between the University and local trade and industry.

James joined the University through an access course before earning a first-class honours degree in Psychology. After graduating in 2010 he worked in

the mental health industry, but a conversation with a tutor led him to apply for the scholarship.

He said: 'Working in RAK appealed as it is a culturally diverse and developing community. But the role also involves undertaking a postgraduate qualification, which caught my eye. I enjoy studying and to study in the UAE is a unique opportunity.'

James sees the RAK campus as a vital part of University's future. He said: 'I feel that it is very important for the University of Bolton to have a flagship campus overseas. It can exploit new opportunities and it allows us to nurture our international influence, profile, status and reputation.'

David Tomlinson, Secretary for the Marriott Trust, said: 'The Marriott Fund of the Rotary Club of Bolton-Le-Moors is delighted to be involved with this scholarship. The club has been associated with Rotary

International Ambassadorial Scholarships for over 25 years.

'This work involves the development of postgraduate students through academic study, contacts with business communities in conjunction with Rotary Clubs in the local area and above all the development of international understanding with outstanding individuals like James.'





# Working with Jessie J

**Two University of Bolton students have helped set up a gig for one of the UK's top female recording artists, Jessie J, in association with Manchester radio station, Key 103.**

Laura Robinson and Trevor MacDonald secured the work placement through the University's relationship with the radio station.

Jessie J, currently judging singing talent on the BBC Saturday night show *The Voice*, was in the city to perform at the Children in Need Rocks Manchester gig, but found time to put on a secret show for 30 lucky Key 103 listeners.

Trevor said: 'I love music in general and this was a massive opportunity. It was cool to speak to people within the business and from Key 103. I have such a passion for the course and the industry, so this was a brilliant chance to get involved and do some really good networking.'

Laura agreed: 'It was a great chance to build on my networking skills as we were introduced to so many members of staff within the company, and also spoke to some company clients at the event.'

The visit was such a success that both were invited back to spend some more time with Key 103's creative team. Lisa Scarsbrook, Account Manager at the station, helped the pair get acquainted with her colleagues on the day. She said: 'Laura and Trevor were great! They enjoyed their day and they were a credit to the University.'

Lisa was especially impressed with the pair's attitude when events, as often happens during live gigs, didn't quite go to plan. She added: 'The day was a little "fluid" at times, but they remained enthusiastic and interested at all times. I can't wait for them to come back to spend a little more time in the station and with our creative team.'

Laura says it is this sort of work placement that is vital in giving her and her classmates the tools to succeed after graduation: 'I think these types of work placements are very important to the course, because it gives a true

insight to the music industry, and allows students to experience it hands-on, rather than just hearing about other people's experiences.'

Laura and Trevor, who are second years on the University's Music and Creative Industries Business course, are not the only students to have been working with music business celebrities recently. In Bolton, McFly's Danny Jones joined forces with the X-factor's Kendro to turn on the town's Christmas lights. Students from the University's International Tourism Management course were on hand to make sure the show ran smoothly, working as stage runners and as safety marshalls.



Picture: copyright of Cavendish Press

# Community champion Terry brings Olympic Torch home



**University of Bolton student, Terry Bobie-Agyekum, will be one of the honoured few to carry the Olympic Torch on its final leg into the Olympic Stadium on the night of the opening ceremony.**

The torch arrived in the UK in May and will travel around the country for 70 days. The selected torchbearers will carry the historic flame through more than 1,000 cities, towns and villages in the UK. It will finally arrive in Stratford, East London, where the Olympic Stadium is based, on 27 July.

Stratford is also where Terry grew up.

He said: 'It will be a great feeling to be part of the event, especially so close to home. I can't wait. It feels like the Olympics have been coming forever but now they're really close, it's going to be great for my area and all of London.'

It isn't coincidence Terry is carrying the torch so close to home on such a prestigious part of the torch relay. When Terry isn't in Bolton studying English and Education, he still works in his local community, coaching and mentoring young people in the area.

The list of charities and organisations

he works with is an impressive one. An FA level two-qualified football coach, Terry is a scout and community coach with local League One side, Leyton Orient. He is also a sports coach for the London Borough of Newham, works with sport and community charity, Street Games and still finds time to fit in his role as director of football and mentor at his local school, Rokeby School, also in Newham, East London.

So how does he fit it all in? He said: 'My schedule is pretty tight and full on, but I can do it. I come up to Bolton on Sunday evenings. There I concentrate on my university work and do what has to be done quietly for the first part of the week. Then on Wednesday afternoons I head back down to London and sort out my commitments there, until Sunday. Then it all starts again.'

It's this dedication to his community that has earned him the right to bring home the flame at this year's Olympics.

Terry added: 'It really is great to be picked, but I love the work I do in the community and I'm going to keep it up as long as I can.'

The torch also comes through Bolton on Thursday 31 May. The occasion will be marked with a special concert in Queen's Park.

## Civils student is cool as ICE

**Shaunna-Leanne Wheeler is engineering her way to success after winning the Institution of Civil Engineers – North West (ICE – NW) QUEST scholarship.**

Shaunna-Leanne is a part-time student, studying for her HNC in Civil Engineering, as well as working as a trainee technician at Bolton Council.

She was delighted to win the £1,500 prize but says it is not just the financial reward that has pleased her: 'The scholarship is great. I'm really happy to have been selected. The fact that I'll be working towards becoming a

professional member of the ICE and promoting it when I'm in and out of work as an Education Ambassador is something I'm really looking forward to.'

As well as boosting her personal and professional standing, Shaunna-Leanne is also noticing a difference at work: 'People at work are now recognising my progression and the boss is expecting even more from me now! But it's great and I like the challenge. It is all about getting that extra experience. Plus, the support I receive from Bolton Council is brilliant and they have had a longstanding relationship with the University, so it all helps.'



Shaunna-Leanne has been interested in the construction and engineering industries since her school days. She had an industry placement, before starting her career as a technical apprentice with Bolton Council.

The ICE – NW Quest scholarship is in its second year and it is the second time a student from the University of Bolton has won the award.

# Libya frontline exclusive for Tracey

**Journalist and University of Bolton student, Tracey Shelton, has spent five months covering the Libyan conflict from the frontline.**

It was Tracey who secured the exclusive footage of Gaddafi's brutal last moments that were shown around the world.

Tracey, who is also a student on the University's International Multimedia Photojournalism masters programme in Beijing, was working in Iraq when the conflict in Libya began. Uprisings and protests were taking place across the Middle East, but Tracey opted for Libya. She said: 'I was offered work in Bahrain and Egypt but chose Libya. It's hard to explain exactly why, but personally I felt drawn to Libya so I made the move thinking I'd likely return to Iraq within the month. It's been five months now and I'm only leaving very reluctantly.'

Tracey, originally from Australia, was working in Libya as a freelance journalist, producing work for several news organisations, including the Global Post. It was for the Post that Tracey sourced the now infamous images of Gaddafi's capture.

The footage was headline news across the globe within a few hours of its release. But it took Tracey weeks of working on the frontline, earning the trust of the rebels, to secure it: 'I spent most of my time in Libya with the Misrata fighters. The majority of the guys who fought at the front knew me well. Some have become really close friends. They told me things very openly, usually on the record, but sometimes off the record also.'

She almost witnessed Gaddafi's capture first hand but was stopped from going as the rebels deemed it too unsafe: 'I was climbing into the car, heading to the spot where they later caught Gaddafi, when the guys told me it was too dangerous for me to come. That is the first time they had ever said "no" to me. But no one expected Gaddafi to be there.'

When she finally made it to the scene, Tracey was given the footage straightaway: 'By the time I arrived it was over but one of the guys I knew from another unit had taken that cell phone footage and gave it to me.'

'Like most of the friends who had been there, he felt bad that I didn't make it there myself as I'd always been on the frontline with them every other day. He offered the footage to me exclusively.'

Tracey wasn't just in danger on the frontline. She was attacked by suspected Gaddafi loyalists in her hotel room in Benghazi. The intruders broke in through the balcony door, threatening her with a gun. They then put a knife to her throat before tying her up and beating her.

'I struggled really hard to stop them from tying me. There was one moment when they had me on the floor and finally managed to tie my hands and feet. At that point I really thought it was over. I was pretty sure they were going to get

me.' But while they were distracted going through her things she managed to loosen her hands and escape to the neighbouring balcony.

Despite this ordeal and her experiences on the frontline, Tracey still has a special place in her heart for Libya and its people: 'The time I spent on the front with all of these civilian fighters has had a big effect on me and the way I view the value of life. It has also reshaped my view of what bravery really is. I'm leaving with a deep attachment to Libya and some lifelong friendships.'



# Bolton One a unique partnership

**It's open! Bolton One, the new health, leisure and research centre offering new state-of-the-art facilities on campus, has opened its doors.**

Students, staff and the wider community are now enjoying the £31 million building, built in partnership with Bolton Council and NHS Bolton.

Bolton Council has a 25-metre swimming pool, gym and dance studio at the centre while health services consist of a GP practice as well as a range of NHS outpatient services that include breast screening, orthopaedics, rheumatology, thoracics and radiology.

Bolton One will host the University's Centre of Excellence for Sports which includes:

- a Sports and Spinal Injury Clinic
- an Athlete Development Centre
- a sports hall and 50ft-high climbing wall
- a new home for the world-leading research centre, the Centre for Research for Health and Wellbeing
- a clinical simulation suite
- a portfolio of flagship professional degree courses, such as Sports Science, Sports Rehabilitation and Clinical Skills.

We'll be showcasing the major facilities in Bolton One over the next 6 pages.

Said Dean of Wellbeing and Social Sciences, Professor Carole Truman: 'The research element of Bolton One is unique within the UK. Bolton One's research-health care services will create the equivalent of a primary care teaching hospital.'

'The Centre for Research for Health and Wellbeing undertakes high quality research which relates to professional agendas and social issues connected to the health and wellbeing of groups and individuals.'

'Assessed as world-leading in the 2008 RAE, the research is based on collaborative partnerships and community involvement.'

'Facilities such as the sports hall, climbing wall, Sports and Spinal Injury Clinic and Athlete Development Centre are open to the public as part of our strategic commitment to community engagement.'



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University  
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one

# The Sports and Spinal Injury Clinic



**The Sports and Spinal Injury Clinic at the University of Bolton is a physiotherapy and sports rehabilitation clinic that is open to everyone.**

The University stands for new thinking, best practice and professional excellence. That's why Bolton One is the ideal setting for this innovative clinic, which benefits from the latest academic research and the expertise of professionals with a first-class regional and national reputation.

The clinic is a teaching clinic where students from the Sports Rehabilitation degree can learn and get hands-on experience and provide excellent standards of treatment.

Said Senior Lecturer, Anna Fitzpatrick: 'We aim to assess and treat musculoskeletal injuries using current and evidenced treatment techniques. We aim to ensure our patients can manage their conditions, return to full activities at the most appropriate time and prevent re-occurrence. Where the condition is beyond our scope of practice we aim to ensure the patient is directed to the correct health professional in the shortest time possible.'

The clinic's areas of expertise include:

- soft tissue trauma
- tendon, ligament and muscle injuries
- neck pain
- back pain
- chronic stiffness
- post-operative rehabilitation

The Sports and Spinal Injuries Clinic is linked to the University of Bolton's Sports Rehabilitation BSc (Hons) degree. Massage treatments are provided by second and third-year students.

'Assessment and treatment of injuries is clinician-led with the supervised assistance of students,' said Anna. 'This

gives our students a broad range of theoretical and vocational skills and knowledge that will equip them for the role of a sports rehabilitation professional. You can expect to receive the most up-to-date and evidence-based treatment, from experienced professionals.'

For enquiries and bookings T: 01204 903680 E: [ssic@bolton.ac.uk](mailto:ssic@bolton.ac.uk)

W: [bolton.ac.uk/theclinic](http://bolton.ac.uk/theclinic)





# Sports kick off at Bolton One

**The University's sports hall and indoor climbing wall have moved to Bolton One.**

With a 16 metre (50ft-high) indoor climbing wall – one of the highest in the region – and brand-new sports hall, the University has impressive facilities.

And they are open to everyone – not just students and staff but also groups, clubs or individuals who want to book them.

Already the sports team has held a free sports week at Bolton One, inviting the local sports communities to come in and try out the new facilities.

Said Sports Centre Manager, Pozz Lonsdale: 'We've had sessions fully booked and a wide range of people coming in to try out our new facilities.

'Across the board, people have been happy to try out new sports and see around our new base in Bolton One.'

The Sports Hall is on the second floor of Bolton One and can be used for a host of sports activities, including:

- trampolining • 5-a-side • basketball • badminton • volleyball
- table tennis • football • ultimate frisbee • netball

The climbing wall is perfect for all levels of climbers, from beginner to elite, and boasts many different routes, including vertical faces, slabs and overhangs, with laybacks, cracks and pockets.

The wall will also host a learn-to-climb scheme at various times throughout the year, encouraging beginners to get involved in climbing.

To find out more about the Sports Hall and climbing wall at Bolton One:

T: 01204 903172

E: [sportscentre@bolton.ac.uk](mailto:sportscentre@bolton.ac.uk)

W: [www.bolton.ac.uk/sport](http://www.bolton.ac.uk/sport)



# ADC excellence services for region's top athletes



**The Athlete Development Centre (ADC) is a specialist human performance department focused on all aspects of athlete assessment, development and support.**

Its services are available to all athletes, whether they are professional, elite or enthusiastic amateur.

ADC is now England Athletics' first North West centre of excellence for developing endurance athletics coaches.

Athletics coaches from across the region will now come to the University for a targeted programme of events and workshops designed to give insights into the latest in sports science training techniques.

ADC will offer coaches and their athletes a range of specialist support services, using the latest applied sports science disciplines – from strength and conditioning to sports psychology and endurance testing. ADC also works closely with the University's sports rehabilitation team, which runs a Sports and Spinal Injury Clinic in the same building.

Together the teams will be able to offer athletes support designed to improve training and performance as well as

diagnose injury and support rehabilitation and recovery.

England Athletics recently visited ADC's new facilities within Bolton One and have attended their first workshop.

Said head of ADC, Colin Robertson: 'We pride ourselves in recognising the vital role coaches play and the importance of the coach and athlete relationship.

'We are delighted to have been selected as our region's first centre of excellence for athletics coaches and will provide specialist support to assist coaches in their development.'

David Turnbull, England Athletics North West Endurance coach mentor, said: 'This is a great opportunity for endurance coaches on the mentoring scheme to join forces with the sports science department here at Bolton One. It will enable the coaches to access sports science expertise at Bolton, which is a vital component in terms of the continuous learning process for coaches working with athletes in the modern era.'

Anyone wanting to find out more about ADC services should go to W: [www.bolton.ac.uk/ADC](http://www.bolton.ac.uk/ADC)

E: [adc@bolton.ac.uk](mailto:adc@bolton.ac.uk) T: 01204 903681







# Research centre at Bolton One is primary care first

**The Centre for Research for Health and Wellbeing (CRHW) is a leading research centre into social, health and community issues based at the University of Bolton.**

It has recently moved to the purpose-built, £31 million Bolton One facility which brings together the University, NHS Bolton and Bolton Council in a unique three-way partnership.

Professor Carole Truman is Dean of the Faculty for Wellbeing and Social Sciences (WSS) and Head of the CRHW. She said: 'The research centre in Bolton One is unique in that its research in health care services and wellbeing will create the equivalent of a primary care teaching hospital, undertaking high quality research which fits into current health and social care agendas around the health and wellbeing of the population.'

'This will enhance the collaborative partnerships with Bolton's NHS Foundation Trust and contribute to the training of students from the Faculty of WSS at the University of Bolton.'

There are five full-time PhD students within the Centre. Bimpe Kuti is one and her research is directly linked to Bolton One and the collaborative partnership. She said: 'My PhD research came about from the development of Bolton One. Its main focus is to explore how service users in Bolton have been involved in the development of health care services that will be provided in Bolton One.'

Bimpe's research is just one example of the kind of joint research that is possible at the centre. She added: 'The CRHW is committed to undertaking research strongly based on collaborative partnerships, community involvement and innovation. My research is one of a number of such studies currently being conducted at the research centre.'

And having all three partners under one roof is already benefiting the research centre's work. Bimpe added: 'It is already creating opportunities to develop innovative, significant and quality research in various aspects of health and wellbeing.'

But it's not only the University's research that will benefit from the partnership. First and foremost, Bolton One is a community venture.

Bimpe said: 'This development will positively contribute to the community's health and wellbeing, through its wide range of leisure and physical activities for all age groups. It also provides easily accessible health care services and a research centre that will continuously identify, evaluate and assess the health needs of the community. This all leads to more innovative ways of generally improving health and wellbeing for everyone.'



Photo courtesy of The Bolton News

# Practice makes perfect

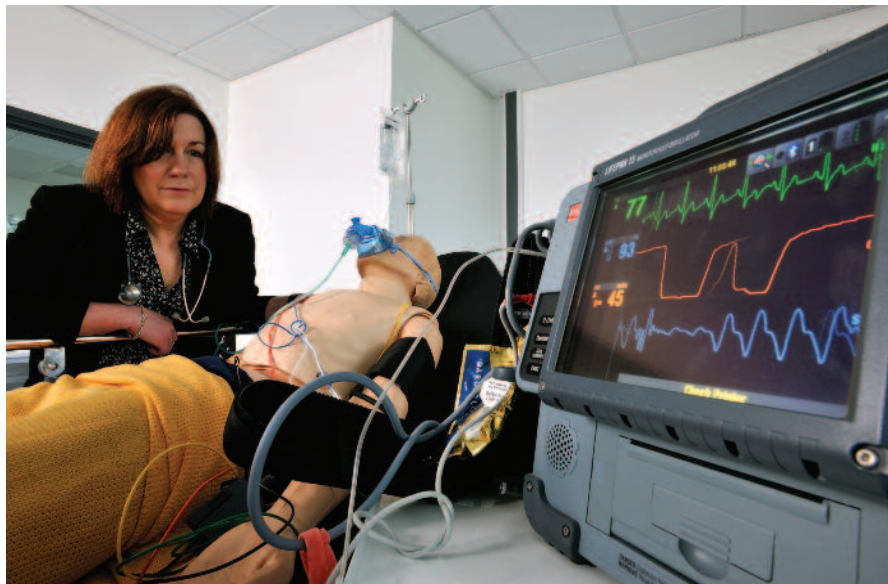


**The Clinical Simulation Suite within Bolton One provides a simulated clinical environment complete with simulated patients.**

This allows the academic team at the University of Bolton to educate health professionals in a unique, realistic and dynamic way. In short, this ensures that our graduates are able to provide the highest standard of care for their patients.

The University is now well equipped to ensure that health professional students meet their learning needs and the clinical needs of patients in an innovative, enjoyable and unforgettable way.

Simulation as an educational tool was first used in the aviation industry with the introduction of aircraft flight simulators used in the training of pilots. Aircraft flight simulators expose trainee and experienced pilots to situations that are difficult to recreate in real life without risking life, injury and damage to expensive equipment. Today it is difficult to imagine a pilot would be allowed to fly without having first received training in a flight simulator.



Providing health care is much the same in terms of the potential for injury to patients if the service delivered is less than optimal.

Thanks to our new clinical simulation suite – and the introduction of complex computerised manikins – a similar type of education to that given to pilots can now be offered to health professionals training at the University of Bolton.

The computerised manikin acts as a patient simulator that can be programmed to challenge and test health professionals' knowledge and skills. The manikin senses treatments that are given to it and reacts accordingly. Alongside this, the supervising academic team can change how the manikin responds in light of other interventions provided by students.

The ability to simulate the challenges that health professionals face in the real world means that the education provided by us at Bolton goes far beyond the simple acquisition of clinical knowledge and skills.

Said Senior Lecturer, Chris Mulryan: 'Thanks to the deployment of clinical simulation in our curriculum, students who graduate from Bolton are not only knowledgeable and skilful but also have a strong insight into how and when to use their clinical knowledge and skills.'

'Traditionally this level of decision-making ability could only be derived from experience. Now, thanks to the ability to simulate a wide range of complex clinical scenarios, this sort of tacit knowledge about when and how to use skills can be learned much sooner than would have otherwise been the case.'





## Textbook success for Chris's first book

**Senior Lecturer, Chris Mulryan, has written a textbook to support students getting to grips with acute illness management.**

Already adopted by the University of Sydney as a key student textbook, *Acute Illness Management*, has already sold more than 1,000 copies.

His book is designed to address the students' needs by equipping them with a practical understanding of the essential skills, ranging from resuscitation to early intervention and to trauma care. It explains the rationale behind the key protocols of care, highlighting the relationship between theory and practice.

Said Chris: 'The prospect of caring for acutely ill patients can be very intimidating for students and newly qualified health professionals. There are accounts of them feeling stress, being afraid and finding their inexperience overwhelming. It's not difficult to imagine why.'

'Acute Illness Management covers the important primary aspects of care, in the hospital setting, acting as a reference



that helps support students understanding of the essential skills needed in acute illness management.'

Chris is set to publish his next book, *Clinical Assessment for Nurses*, with Sage Publishing, later this year.



## New knife-proof material expands its horizons

**A new knife-proof smart material developed by the University of Bolton is now expanding into new markets.**

Working with Future Textiles in Derbyshire, the new material, SARK, had been originally created to protect the police, armed forces and security personnel.

Now the Home Office-approved SARK material is being developed for other users – motorcyclists, hunters, butchers and timber merchants.

Leading the project is Professor

Subhash Anand of the University's Institute for Materials Research and Innovation.

Said Prof Anand: 'When Future Textiles started talking to customers they realised there were other applications for knife-resistant materials. We are now looking at a wide range of developments.'

Future Textiles has worked with the

University on SARK since the smart material's inception in 2008, knitting the material on its machines ready for the first tests.

SARK, which can be worn as a protective 'hoodie' provides greater protection against knife attacks than the stab-proof vests traditionally used by the police, armed forces and security personnel.

Said Future textiles owner, Aiden Tracy: 'We can now offer Home Office Scientific Development Branch (HOSDB)-accredited fabric at two levels, withstanding both 40 Newtons and 80 Newtons of force. We feel this can provide efficient protection that is comfortable to wear.'

'We are also working on developing the fabric to be used in the automotive industry as a protective cover for lorries, which are currently vulnerable to thieves slashing open their tarpaulins and stealing loads.'

SARK is named after the four developers: Subhash (Anand), Aiden (Tracy), Raj (Rajendran) and Karthick (Kanchi Govarthanam). SARK means 'shirt' in Gaelic. Pictured: Aiden Tracy (left) with Prof Anand and SARK samples, including knife-proof gloves

## Royal appointment for lecturer

**Renowned social photographer and University of Bolton lecturer, Ian Beesley, will be a selector for the Royal Photographic Society's (RPS) prestigious International Print Exhibition (IPE).**

The IPE is the world's longest running photographic exhibition – this will be its 155th year. Entries come from professional, student and amateur photographers from around the world.

The exhibition's format, high profile and history mean the competition standard is very high and each year only 120 to 125 images are selected from thousands. These pictures are then exhibited around the UK and sometimes overseas, recently shown in galleries and exhibitions in China and Ukraine.

Ian, Programme Leader for the University's MA in Photography, said due to the importance of the

competition there was an added pressure on his judgement.

He said: 'I have judged other print competitions before and there is always the pressure that you have picked the right image – but this is something very special. There is that extra pressure that the photographic world will be judging me as a judge – so there is lots of pressure, but in a good way.'

But Ian knows what he is looking for in a picture and he is well aware of what being selected will mean to those submitting work: 'What I'm looking for is originality. This is one of the most prestigious awards a photographer can win and it will certainly bring greater recognition to that photographer, so it has to be original.'

It's not just the photographers taking part that get a sense of recognition by being involved in the exhibition. Ian is just as thrilled to have been asked to



be a selector. He added: 'To be recognised by the world's most prestigious photographic society as having the skill and experience to judge other photographers' work in such an important competition is a great honour.'

Ian's fellow judges are Sandy Cleland Chairman of the RPS; Roger Tooth, Head of Photography at the Guardian and Observer and well-respected photographers, Tom Hunter and Vanessa Slawson.

## Double feature in BCB

**Artist and lecturer, Peter Lewis, has had several pieces of work on show at the second British Ceramics Biennial (BCB) in Stoke-on-Trent.**

Twenty-four artists and designers were selected from an open submission to represent the best in contemporary ceramic practice in the UK. When first held in 2009, BCB generated £2 million attracting 35,000 visits.

The biennial was held over six weeks at two venues – at the Potteries Museum & Art Gallery in the city centre and at the original Spode factory site in Stoke Town.

Peter's work explores themes around conflict and focuses on the effects of WWII on Stoke on Trent.

At the city centre venue, Peter's bullet-packed ceramic, Olive, was on show while at the old Spode factory his installation, featuring a 1.5-metre- high spark plug, examined the years when factory workers found their skills transferred to the munitions factories.

Said Peter: 'The installation featured audio and ceramic plates, broken to symbolise the futility of war and conflict's potential for destruction. The canary yellow walls reflected the stains on the skin that marked out munitions workers, after handling cordite.'

'The supporting audio includes popular radio station jingles from the time which were played in the factories. My mother contributed to the audio, recounting her experiences filling gun casings for the Navy at British Thompson-Houston in Stoke.'



## Children's Literature Professor wins international academic award

**University of Bolton Professor, Dr David Rudd, has won a prestigious international academic award.**

Professor Rudd has been awarded The Children's Literature Association's Best Article Award for his essay Children's Literature and the Return to Rose. He said: 'I'm delighted and honoured – it's quite something to receive the plaudits of one's international peers.'

The Children's Literature Association (ChLA) is a non-profit association of international academics, students and institutions dedicated to the academic study of literature for children.

To win the award Prof Rudd's essay had to go through an exhaustive selection process. An international committee is elected by the ChLA, which then reads all the major journals and all other relevant literature

published that year within the subject area.

Each committee member then draws up their own personal shortlist of five favourites, before reading all other members' shortlisted works as well. The committee finally votes for an overall top five and Prof Rudd's work came top of the list.

He said: 'My work was praised. The committee called it an invigorating response to the impossibility of childhood and elaborate and complex.'

Prof Rudd's essay reassessed the 1984 work, *The Case of Peter Pan, or The Impossibility of Children's Fiction* by Cultural Studies scholar, Jacqueline Rose.

He said: 'Rose's book is probably the most cited in the whole field of children's literature studies, though it has rarely been examined closely. My



paper tried to do several things. It examined Rose's use of the corpus of "Peter Pan" texts and their criticism. It also argued that Rose herself depended on a notion of the Romantic child to make her case, separating out the adult and child as distinct beings.'

Prof Rudd will receive the accolade at this year's ChLA Conference in Boston in June.

## Success adds up for Guljar

**Mathematics student, Guljar Miah, has won the Richard Emmett prize for academic excellence.**

The prize is an annual £1,000 award given to the Mathematics student at the University who scores the highest overall mark in the second year of their degree. This year Guljar was awarded the prize and received his cheque at a special awards lunch.

He said: 'It's great to win the prize. The money is nice but it's not just about that. An academic award will look great on my CV and I'm very proud I won it.'

Guljar, age 30, is late to higher education but is now glad to be at university pursuing his career goals: 'I've had all sorts of jobs in the past but decided I wanted to get a career. And I thought the best way to do that was to get back into studying. I chose mathematics because it opens all sorts of different doors and it's always come easy to me.'

The Burnley man's efforts are all the more impressive as he fits his full-time study around a full-time family life. He



has a wife and young daughter. He added: 'It can be difficult at times but you just have to remain confident and committed and you will succeed.'

Dr Michael Butler is Course Leader for Mathematics at the University of Bolton. He said: 'The BSc Mathematics programme at Bolton attracts many extremely capable and talented students. Among these, Guljar distinguished himself by gaining the highest marks in his cohort for second year modules. Guljar is a diligent student who has bright prospects ahead of him, in his final year of study and beyond.'

## Students to launch literary magazine

**Two students are creating a new literary magazine**

David Schofield and Craig Pay are setting up Cutaway Magazine as part of their Creative Writing masters degree and want writers from Bolton and Manchester to fill its pages with short stories, prose and poetry.

The pair have already attracted contributions from writers around the world, with submissions from Canada, America and Australia. Now they are concentrating on unearthing local talent.

David said: 'We have had excellent submissions already and they have come from some unexpected places, which is great. But we both study in Bolton and live in the region, so we'd love to get some more really creative work from local talent.'

The magazine will have an ISBN number and be available to buy from Amazon and selected creative events and outlets in Manchester.

# Students build skills in Bolton One

**University of Bolton students have been honing their professional skills, developing a series of creative features for the new Bolton One health, leisure and research building.**

Swimmers will see the centre-piece of the student work – a stunning eight metres wide by three metres high, tiled mural which shows one of the last swimming elephants, Rajan.

The mural was created by Cat Taylor Cummins and Sandra Bouguerch, who were second-year Fine Art students when they won the commission, as part of their professional development work within the course's Art and the Urban Environment module. Winning the commission included presenting their idea to a panel of representatives from all Bolton One's partners, the University, Bolton Council and NHS Bolton.

Now final-year students, Cat and Sandra

plan to work together to bid for more commissions.

Said Cat: 'To see the work up and see Rajan in all his glory, we felt a great sense of achievement. Rajan is one of the few swimming elephants left in the world and so to be a part of Bolton is something extraordinary.'

'When we originally had the idea we thought a unique aspect of Bolton was its association with elephants.'

'The town has a long association with elephants, which some people believe dates back to the cotton trade with India. The official town crest has an elephant on top of a castle and there are colourful elephants dotted around the town centre. So we thought it was an appropriate continuation of the theme that people from the town would know.'

Said Sandra: 'Seeing the elephant swimming is very important, because

it's the pool area, but we wanted the image to inspire people who might not usually go swimming. The idea was that if something as big, cumbersome and bulky as an elephant can learn to swim then anyone can.'

'Six student creative design features will appear throughout Bolton One. The projects are:

**Emma McVan,**  
Balustrade Designs

**Sandra Bouguerch and Catherine Taylor Cummins,**  
Swimming Elephant Tile Design

**Rachel Dawson,**  
Textile Wall Hangings

**Christina Pelle,**  
Hydrotherapy Wall Tiles

**Amiee Coffey,**  
Textile Artworks

**Video Artwork,**  
Video Monitor Projects.

Head of Fine Art Alan Buckingham, who ran the project at the University, said 'These projects give students real skills in working out the logistics of working professionally, the demands of a commission and how they work together and develop synergy.'

'Cat and Sandra are extremely strong in their individual talents and how they use them to work as a team.'



# Fifty years on, the Civils boys return

**A group of Bolton graduates has been catching up on their college days – half a century on from their graduation.**

Back in the early 1960s, Colin Nelson, Mike Edwards, Andrew Aldred, Keith Vollans, Brandon T Wild, John Schofield and Colin Wilson were the first students to study Structural and Civil Engineering – then a four-year course.

They were pioneers of a course that has stood the test of time and all went on to successful careers in their field.

'As students we had nothing more technical than slide rules and log tables, back then,' said Colin Nelson who now works as a consultant for Parkman Mouchel Consultants, having retired as a division director in 2005.

But at the University in April they were given a tour of the 21st century equipment in their subject area's laboratories and met second year Civil Engineering student, William Sah. He was keen to learn from the group's experience and hear what helped develop a successful career in their field. 'Never stop learning,' Colin Wilson advised William. Colin worked with DGP International and the Scott Wilson Partnership for 25 years.

The group has stayed friends since studying together, meeting up around every five years. They are pictured, right, on the steps of a pre-cursor of their university, at Manchester Road in 1962. And every time they get together they recreate the line up, building a record of their friendship stretching back 50 years.

'Computer aided design was just coming in when I retired from engineering in 1979,' added Mike who was a senior structural engineer with AMEC Design before joining his family furniture retail business. 'It's a different world today.'

Added Colin: 'We had the choice of

jobs in the 1960s, I could have chosen four different jobs. But times are very difficult now, especially the area I work in, specialist highways and roads. Industry growth is abroad in Australia and the Middle East. Opportunities for graduates to gain work experience in this field are difficult to find.'



## Fairtrade festival

**The University of Bolton celebrated Fairtrade with a festival featuring food and fashion.**

Students and staff enjoyed a day of events that promoted Fairtrade products and educated people about the aims of the organisation and its commitment to guaranteeing a better

deal for Third World producers.

Stalls selling Fairtrade goods, opportunities to taste Fairtrade foods and a Christmas carol service, ending with Fairtrade refreshments, were all part of the festivities. Central to the finale was a fashion show, with students from the University and Bolton College modelling clothes celebrating cultures from around the world.

Said the University's Fairtrade Group

Chair, Paul Johnstone: 'The University and the University of Bolton Students' Union are committed to championing Fairtrade and working to develop understanding of the foundation's mission and vital work for Third World producers.'

'We're delighted with how popular the event has been, with more than 500 visitors and raising around £300 for Bolton Victim Support through charity stalls and a raffle.'



Photo courtesy of Coca Cola