

The Pavior

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Fiona Woolf Elected Lord Mayor



*The Rt Hon The Lord Mayor,
Alderman Fiona Woolf CBE*

Paviers' Honorary Liveryman Fiona Woolf has been elected as the 686th Lord Mayor of London. She is only the second woman to have held the post in its 800-year history, following in the footsteps of Mary Donaldson in 1983. Fiona has worked as a lawyer at CMS Cameron McKenna since 1978, specializing in global electricity industry reforms, and was the firm's first female partner in 1981. She has been Alderman of Candlewick Ward in the City since 2007. The election took place at a Common Hall of the City's liverymen on 30 September at the Guildhall, and a number of Paviers took up the invitation to participate.

The election was a colourful event. Prior to the ceremony, a service was held in the nearby St Lawrence Jewry Church to which the City dignitaries and the senior members of the 108 livery companies processed. The Paviers were represented by the Master and Alderman Sir Michael Bear in his capacities as Past Lord Mayor and Alderman of the Ward of Portsoken.

The election itself was held in a packed Guildhall. At the start of the ceremony, the City Livery Committee and the senior members of the livery companies processed and took up their seats, followed by the Lord Mayor, Aldermen, Sheriffs and other City officers. Common Hall, as the occasion is known formally, was opened by the Common Cryer and Serjeant-at-Arms who directed 'all persons to be uncovered in the hall and all those who are not liverymen to depart the hall on pain of imprisonment'. After the preliminaries, the Lord Mayor, past Lord Mayors and the senior City officials retired to an adjoining room to allow an unfettered election to take place.

Three candidates selected by the City Livery Committee were placed before the assembly. Fiona Woolf was the first and received a unanimous show-of-hands accompanied by a general shout of 'All'. The second, Alan Yarrow, received a response of 'Next' and the third, Jeffrey Evans, the response of 'Later'. The first and the second candidates were then escorted to the adjoining room where those present made a final selection between the two candidates and confirmed Alderman Woolf as the 'Lord Mayor Elect'. During this process, the Assistant Town Clerk gave an amusing address to the liverymen in the main hall. The dignitaries then processed back into the Guildhall and the Lord Mayor Elect was invited to assent to take up the office 'upon pain and peril' and then adorned with her Shrieval Chain. Various votes of thanks followed before the Common Hall was dissolved by the Common Cryer and Serjeant-at-Arms with a cry of 'God Save The Queen'.



Alderman Fiona Woolf on her way to the election



Letter from the New Lord Mayor

I am honoured to be promoting the City of London this year as the 686th Lord Mayor, and only the second woman in its history. I have been overwhelmed by the support I have received from the Livery and am looking forward to seeing you all in the coming year. I shall be continuing with the theme of 'The City in Society', but my focus will be on the *Energy to Transform Lives*, which reflects my long association with the City as an energy lawyer. The title reflects my conviction that the City of London has the energy and talent for innovation necessary to serve the needs of society and the environment at a time that I call the 'new normal'. All of my mayoral programmes are based on three themes that I feel are critical to our resource-constrained society: sustainability, diversity and charity. I hope that within these programmes there will be something of interest for everyone. If I have a single objective, it would be 'inclusiveness' and liverymen have so much to bring to the party.

Programmes

Tomorrow's City (www.tomorrowcompany.com) is a programme of events and dialogue that focuses on how the City can best ensure its future success. The programme consists of a number of breakfast and evening events that will feature a variety of topics, including regulation for the long term, infrastructure and energy, integrated reporting of financial, social and environmental outcomes, sustainable urban development, taxation and the attraction of investment in the UK. I have also put together a programme of breakfast seminars and two large conferences titled *The Power of Diversity* to highlight and discuss the critical steps that businesses must take to maximize the energy that diversity can bring to business. My husband Nicholas, past Master of the Worshipful Company of Tax Advisers, is heading the Lord Mayor's *Charity Leadership Programme* (www.cass.city.ac.uk/LMCLP), which is a new initiative shining a light on charity chairmen and how they can be better supported. The programme starts with two lectures, one by William Shawcross, Chairman of the Charity Commission, and the other by Sir Ronald Cohen, the Founding-Chairman of Big Society Capital and a champion of social investment. There will be a one-day conference to connect leaders from the City with charities to gain better understanding of the non-profit sector and how they, as business leaders, can support it. The programme will also support existing chairmen in their own development, and in recruiting and leading effective boards.



The Lord Mayor after her election at the Guildhall

Lord Mayor's Appeal

A new approach will be taken this year to the Lord Mayor's Appeal (www.thelordmayorsappeal.org). We have created a permanent charity to provide a long-running platform for the Appeal to replace the 'shut down and start up from scratch' approach of the past. This will enable us to accept contributions in cash and in kind over more than one year and to promote giving to a wider audience. It also enables us to support smaller charities, particularly those that punch above their weight in terms of their impact and outcomes. The 2014 Appeal is supporting four community-based charities that all have the *Energy to Transform Lives*:

- *Beating Bowel Cancer* greatly improves awareness and early diagnosis of the second biggest and yet highly treatable cancer killer and works to support all those affected by it
 - *Princess Alice Hospice* is developing a new model of hospice care to enable more people to be reached and supported in their own homes
 - *Working Chance* is a charity that places women ex-offenders into jobs with quality employers, enabling them and their children to cross the social divide from exclusion to contribution
 - *Raleigh International* provides young people from under-privileged backgrounds with life-changing experiences that contribute to their own personal growth and the development of communities-in-need around the world
- In addition to fundraising, the Appeal will also have a strong commitment to mentoring, helping to raise the profiles of these charities and opening up new sources of funding for the future.

The Appeal is always open to offers of help, so please contact my Lord Mayor's Appeal team on 020-7332-1582 if you would like to be involved. There are lots of fun and affordable events and we are determined to reach a wider audience:

- Join me for my Lord Mayor's Christmas Party on the evening of 10 December, where the medieval Guildhall crypts will be transformed into a magical Christmas wonderland with carol singers, magicians, music, tombola, a casino and a Christmas market
- For the first time, there will be a Lord Mayor's Appeal Day on 16 May, which aims to engage City workers and livery companies in fund-raising fun
- Enter a livery company football team for a day of football fun on 13 June in Guildhall Yard
- Join me next year for a special concert on the theme of *Strong Women* by world-famous soprano Nelly Miricioiu, mezzo Nino Surguladze and the Chelsea Opera Group for a performance conducted by Gianluca Marcianó; this will be preceded and followed by food and wine in the Guildhall Old Library
- The Lord Mayor's Ball in the Guildhall on 21 October will be a unique opportunity to come together for a glamorous evening of food and dancing

I hope you will join me on what are guaranteed to be memorable occasions!

Fiona Woolf



The Lord Mayor and the City

The Lord Mayor's Show

The Paviers again entered a float in this year's Lord Mayor's Show on Saturday 9 November. The float, complete with jazz-band, was pulled by the now traditional steamroller 'Joan' from Amberley Museum. An innovation this year was to parade a 5-metre inflatable St Anthony Pig (see below), complete with hard-hat, bell and Paviers' logo, which caused something of a sensation with the many children in the crowd. A wonderful, but wet, day was rounded off by a trip on the MV Erasmus to view the Lord Mayor's fireworks.



www.photoshot.com

The new Lord Mayor greets the crowd



Keeping warm on 'Joan' at the lunch-stop on a wet November day!



Thanks are due to the Pavior organizers: Liverymen James Atkins and Jacqui Davies, and particularly to our sponsors, listed on the side of our float, below.



www.photoshot.com



St Anthony Pigs

Pigs were as common as dogs on the streets of the City of London in the fourteenth century and when, as they did frequently, they strayed from their owners' plots, they fed on household scraps lying in the street. The matter required attention and a writ was issued by Edward II to the Mayor and Sheriffs on 4 March 1315 enjoining them to repair the pavements, clean them and free them from vagrant pigs. This task fell on the Paviers Company. The writ laid down a course of action:

'No swine to be found about the streets or about the lanes of the City, or in the suburbs, or in the fosses of the said City, from this time forward. And if swine shall be found in the places aforesaid, they may be killed by those by whom they shall be found. And those who kill them shall have them freely and clearly without any challenge thereof; or else the swine shall be bought back by him who owns it at the price of four pence.'

Needless to say, there had to be an exception. The Hospital of St Anthony in Threadneedle Street had its own herd of swine, distinguished by the bells they wore round their necks and these were allowed to continue to wander the streets. The privilege was open to abuse and there is little doubt that pigs belonging to others also acquired bells. These particular pigs soon learned where to find food and their persistent clamour for scraps gave rise to the phrase 'to whine like a Tantony pig'. St Anthony also supported a school, whose pupils were promptly described as 'pigs' by their rivals at St Paul's, with ensuing fights 'troubling the streets and passengers'.

Ian Dussek

Extract from *Children of Stones*



HMS Argyll

HMS Argyll has now returned from its deployment to the South Atlantic. Since June, the ship has visited South Georgia, the Falkland Islands, and returned to the UK via the Eastern Pacific and through the Panama Canal. The *Argyll Times* reports that, up to mid-August, the ship had covered over 5,400 nautical miles, visited three ports, and used 750 tonnes of fuel.

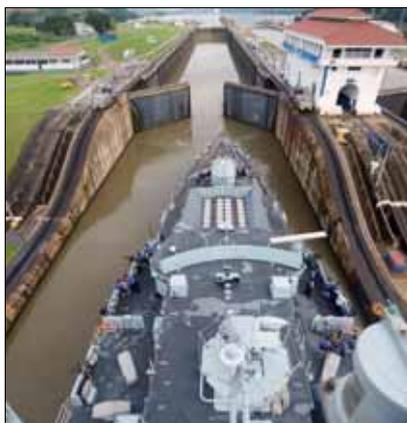


South Georgia: an island of rugged isolation and staggering beauty

A highlight of the deployment was an opportunity to visit South Georgia, the small island made famous as the landing place of polar explorer Sir Ernest Shackleton. After his ship, the *Endurance*, became trapped in the Antarctic pack-ice, he led a team of 10 men to safety through the most hostile of environments to seek refuge at the remote whaling station Gritviken. Home now to a small number of scientists studying various aspects of this near-untouched ecosystem, the ship's company were permitted to go ashore to explore the wilderness. They retraced the final stage of Shackleton's epic journey in an expedition designed to challenge the individuals and push them out of their comfort zones, while giving them a chance to use their command, leadership and management skills. On arriving, the team were greeted by Fur Seals, King Penguins and Elephant Seals. The expedition required the team to scale snow-capped mountains, avoid avalanches, and cross hidden lakes and rivers, before descending into Stromness Harbour.



HMS Argyll in the South Atlantic



Passing through the Panama Canal

All of the planned sporting fixtures in the Falkland Islands had to be cancelled due to heavy snow falls and frozen pitches. However, Mount Pleasant Airfield allowed the ship's company use of their gym and recreation facilities, including squash courts, swimming pool, indoor rock-climbing, simulated golf and two large indoor sports halls. This enabled the seamen to get back up to 99.5 per cent of the requirement for the Royal Naval Fitness Tests, the best the ship has achieved so far.

The ship's company and those at home were able to view HMS Argyll's transit through the Panama Canal on web-cam. Few warships get to transit the Canal during the day, so it gave some members of the crew the opportunity of racing the ship through the Canal in a rowing competition – the rowers won!

The final part of the deployment was a counter-narcotics operation. During this, Argyll intercepted the trafficking of over 1.5 tonnes of drugs, detained three drug traffickers and sank their 'go-fast' boat. A good day's work!

The deployment to the South Atlantic was the final operation on HMS Argyll for its captain, Cdr Tim Neild, who is taking a year out to study for an MBA. He was relieved in the short term by the ship's second-in-command and Executive Officer, Lt Cdr Euan Stuart (see p10), before Cdr Paul Hammond takes over in December. In January, The Master and a few lucky Pavors will be sailing with HMS Argyll from Devonport to the City of London, prior to the ship berthing alongside HMS Belfast on 15 January.



Cdr Tim Neild RN



Charities and Education

IAT Prizes

The Institute of Asphalt Technology's National Conference takes place annually in the summer. At the President's Dinner, prizes are awarded to students who participated in the diploma course run in partnership with the University of Derby. In the past, the Paviers have awarded six IAT prizes but, this year, these have been consolidated into two. Congratulations to this year's recipients:

- *Contracts and Business Administration*: Ian Ballard of Hanson
- *Pavement Technology*: Gavin Dodgson also of Hanson

The Institute is grateful to the Worshipful Company of Paviers for its participation in these awards and is pleased that its Master, John Dance, was able to attend the Dinner as the guest of our outgoing President, Jukka Laitinen.

Russell Hunter, Secretary of the IAT



IAT President's Dinner with Jukka Laitinen (second from left) and The Master and Pavior Anthony Morter (far right)

Charity Golf Day

The Master's Charity Golf Day was held this year at Brocket Hall Golf Club, Hertfordshire, on 15 July. Funds raised were shared between the Paviers charities and the Master's Charity: the Lord's Taverners, specifically to provide sports wheelchairs for young people.

Brocket Hall GC



A shotgun start of 18 four-balls included a team from our affiliate, 29(R) Squadron. With the temperature reaching 30°C, some golfers must have felt they were playing in a furnace. The challenge was to get round without dehydrating. The second hole was a par-three over water, and golfers were offered the challenge of hitting the green in one shot to win a some golf balls for a stake of £10. I must say I was a little anxious at the likely success rate but, suffice to say, a handsome profit was made. At the end of the round, some very weary bodies enjoyed a well-deserved drink on the terrace prior to dinner, an auction and entertainment.

May I express my thanks to everyone involved, and particularly those who generously provided or bid for auction items. You all made the day a great success, raising £22,000 for charity. I look forward to seeing you all at Bearwood Lakes GC on 14 July next year.

John White

Channel Swim

Paviers' Freeman Stewart Laing has recently swum the English Channel and raised £70,000 to fund a multi-sport programme at a special-needs school in Peckham for the Greenhouse Charity. Stewart swam for 18 hours and 37 minutes, starting at 4am to swim through the day and then the night. When less than one kilometre from the French shore, he was dragged sideways by the wind and tide for over two hours. Unable to break through, he was eventually pulled out of the water by his support crew, as hypothermia was setting in. Stewart had spent 18 months training for the swim, braving near freezing temperatures at Tooting Bec Lido and travelling most weekends to Dover for sea training, where he covered a distance equating to 16 Channel crossings. Stewart admitted that the hardest thing he has ever had to overcome was being told by his crew after 12 hours of non-stop swimming that, due to the tide, he was facing at least another six hours to reach the French shore.



Stewart Laing

Following the swim, Stewart said 'I used to volunteer at Greenhouse's Inclusive Swim Club, which teaches young people, including those with physical and learning difficulties, how to swim. Working at the club, I saw first-hand what a difference Greenhouse makes to these children. I felt I wanted to offer more help and it was through my love of sport that I decided to take on the challenge of swimming the Channel. Fewer people have swum the Channel successfully than have climbed Mount Everest, so I knew it wasn't going to be easy, particularly as I am not a natural swimmer'. He finished by thanking 'the phenomenal amount of support that I have had through the constant encouragement and generous donations from friends, family, colleagues, and even strangers, which has made this challenge so worthwhile – and, who knows, maybe this new Greenhouse programme will help create more paralympians'. Donations can still be made at <http://uk.virginmoneygiving.com/stewartlaingchannelswim>.



Luncheon Club at the Magic Circle

A total of 79 members of the Luncheon Club, their guests and members of the wider Paviors' Livery enjoyed a visit to the Magic Circle in London. According to John Lelliott, the building was constructed by his company and is located, conveniently for some, near Euston Station. The entrance is designed to emphasize the impression of passing into the world of magic.

First stop was a visit to the basement Museum where Will Houstoun, who describes himself as 'Magician, Author, Lecturer and Consultant' spoke about various exhibits. His particular favourite was that pertaining to Chung Ling Soo. Chung turned out to be an American, William Robinson, who decided that dressing up as a Chinaman enhanced his appeal. His famous trick was to catch a bullet and drop it on to a plate. The trick went wrong one night in 1918 when Chung was shot dead. We were not told what went wrong, but one can read it in Wikipedia! We also learned that the Magic Circle has historic Royal connections and, today, Prince Charles is a member.



Editor of the Magic Circle's in-house magazine, Will Houstoun, talks about the museum's exhibits



Magician Chris Wood entertains guests at the dinner tables



After the Museum, it was back up the stairs to enjoy a pre-dinner glass of bubbly. While enjoying this drink, and during and after dinner, we were entertained with various tricks performed by Chris Wood, who is a Member of the Inner Magic Circle 'with Gold Star'. His excellent skill and thoroughly entertaining presentation made for a most enjoyable evening, helped by a substantial buffet meal.

The organizer was George Chapman, to whom the thanks are due. He definitely counted us in and, hopefully, counted us out!
Peter King

Guildhall School's Gala Evening

The Annual Gala at the Guildhall School of Music and Drama never fails to please. It is the opportunity for the final-year students to show off their talents, and this year was probably the best ever.

Twenty-nine Paviors, guests and partners met for a reception on the balcony of the Barbican Gallery, where the technical graduates had mounted an exhibition including set design, costumes, stage lighting, computer effects and sound production. Pre-theatre dinner was taken in the convivial surroundings of the Gallery itself, before adjourning to watch the performance of 'Rags' – a musical following the fortunes of a young immigrant Jewish Russian family arriving in America at the turn of the 20th century. From the outset, the singing and acting were breathtaking: we were surely watching future stars of stage and screen.



Stars of the show (left), Lois Meleri-Jones and Grace Andrews, and an energetic dance routine (right)



Photos: Clive Barda, GSMD

Those attending the performance are invited to make a financial contribution to the School, enabling them to be entered into a draw. This year's prize was for a student from the School to provide free entertainment at a function. The winner was our own Billy McCoubrey, which added to the enjoyment of the evening for Paviors. The audience left for home well-entertained and, no doubt, the intention to book early for next year.
George Chapman



Societies plus Events

Goldsmiths' Fair

A group of Paviers' ladies joined the Mistress Pavior, Dorian Grier, for an informal afternoon viewing the exhibits at the 2013 Goldsmiths' Fair, followed by tea at the Goldsmiths' Hall. Dorian has attended the Fair since its early days (in fact, when she was in her early days); it is now in its 30th year and had 33,000 visitors last year. For two weeks, 180 inspirational gold and silversmiths from around the country come to present their latest collections in the beautiful setting of Goldsmiths' Hall. The exhibitors include 10 recent graduates who are given free stands to help them at the start of their careers. The result is a dazzling display of virtuoso jewellery and silverware.



Goldsmiths' Hall



The ladies browsed around the hall in small groups to view the displays and an informative exhibition on hallmarking. There was something for everyone but, fortunately for their absent partners, most ladies were restrained and admired rather than bought. There were, of course, exceptions, and how wonderful to support excellence in British craftsmanship, with exhibitors keen to discuss their particular designs.

Paviers' ladies with the Goldsmiths' Fair catalogue

Following the viewing, the ladies gathered in the Goldsmiths' café for tea and cake, an enjoyable and relaxing end to a pleasant afternoon.

The next ladies' event is the Ladies' Dinner at the Merchant Taylors' Hall on Tuesday 18 February. The Clerk will issue details shortly, but please make a note in your diary. Any ladies wishing to be notified directly about future ladies' events should forward their email and/or phone contact to me (grier.dorian@gmail.com).
Dorian Grier

Whisky Tasting

'Never mix grape and grain', so they say. But, undaunted, the Wine Circle held a whisky-tasting and dinner at the Travellers' Club, guided by Helen Arthur, the world's leading female whisky writer. We learnt that the first recorded whisky was in 1494, the average blended whisky contains 24 malts, there are 78 distilleries in Scotland of which 40 of which are on Speyside, the optimum age for a malt whisky is 17 years, and American 'whiskey' in the Prohibition era was coloured with boot polish.



Prize-winner Maxine Connolly with Helen Arthur

We started with a blended whisky (Cutty Sark) and were led through a 16-year old Jura, a 10-year old Longmorn-Glenlivet, an 8-year old Irish grain and a Swedish Malt. There then followed a blind tasting of four different spirits which turned out to be armagnac, calvados, rum and whisky. The worthy winner was a guest of James Atkins, Maxine Connolly, who got them all correct. Why are women such excellent tasters? Please discuss. With dinner, we tasted three malts, from Orkney, Islay and Japan. Did you know that the highest distillery is in Bolivia, the most southerly is in Tasmania and the only Islamic whisky is made in Pakistan? My wife got those answers near enough right, another female triumph. Surprisingly, despite tasting eight whiskies, no-one seemed to be the worse for wear and all were much better informed, thanks to our knowledgeable and witty speaker.

For our next event, we return to our origins and will be sampling wines from Saint Emilion on 28 March. If anyone is interested in joining us please contact Louise Penston or myself.
John Cruse

200 Club

The second draw for this year's Paviers' 200 Club took place at the Luncheon Club event on 3 September (photo right). Congratulations to the four winners, listed below.

1st prize £200:	Oliver Whitehead
2nd prize £150:	Paul Merritt
3rd prize £75:	Peter Gell
4th prize £50:	Neil Sandberg

The 200 Club is organized by the Liverymen's Committee and raises money for the Company's charity trust fund. Contact Sean Yeo for details of how to participate.





Technical Visit to BRE

On 19 September, the Master and some 20 members of the Company were greeted by Liveryman Dr Martin Wyatt at the Building Research Establishment. The BRE Group has its headquarters at Bucknalls, a lovely Victorian house at the centre of a 38-acre estate near Watford. Martin, who is the Non-Executive Chairman of BRE, then gave us a fascinating introduction to its history, from the setting up of the Building Research Station in former army huts at Acton in 1921 to the global group it is today, with facilities and operations in Scotland, Wales, Canada, China, plus the latest in Brazil. Its origins go back to immediately after World War I, when the 1919 Tudor Walters Report recommended improved housing standards for working-class homes: 'Homes Fit for Heroes'. In 1972, it was joined by the Fire Research Station and the Forest Products Research Laboratory, and was renamed the Building Research Establishment. In 1997, it was privatized to become BRE, owned by a charitable trust, with trustees from all aspects of related industries. Martin relayed that this privatization took place one day before a general election; it almost certainly would not have happened a few days later. However, privatization has led to the global success it now enjoys, much to the envy of publically-owned building research organizations in other countries.



Nick Smith from BRE addresses the Paviers' group



The group on their way to look at the Victorian terrace

The group was then taken on a tour of the BRE Innovation Park by Nick Smith. It is home to some of the world's most sustainable buildings and landscape designs, with hundreds of innovative low-carbon materials and technologies. When opened in 2005, it was a fundamental change in strategy to publicize its work through demonstration rather than research papers. Our group was treading in the path of over 60,000 previous visitors, including royalty, prime ministers and TV crews. The 13 houses are continually being updated to incorporate latest design and products, with some buildings now in their third generation. Companies that partner with BRE have to demonstrate their technologies and products by going through rigorous testing procedures to prove that they can actually do 'what it says on the box'.

After a talk in the newly-established International Lighting Centre, we were free to tour the various buildings, which now include themes of healthcare and education in addition to residential. John O'Brien was on hand to describe the work on the Victorian terrace that has been transformed from the original damp single-skin walled stable block to three highly efficient terraced houses. Key features include vacuum glazing to sash windows, spray foam and external rendering insulation systems, and phase-changing ceiling tiles that are all monitored and controlled by a digital communication system.



The Xylarium

Finally in the morning we were treated to a visit to the Xylarium ('Scrabblers' in the group were quick to note the spelling!), which is probably the world's largest timber library. Peter White introduced us to the 30,000 specimens of timber arranged like books on the shelves together with drawers housing the matching barks, plus thousands of microscope slides of timber structure. Kew Gardens stores all the respective leaf samples. We then returned to Bucknalls for lunch, where the Master thanked Martin Wyatt and all his staff for the fascinating tour. The success of the venture was clear for all to see and it is no surprise that BRE has been invited to spearhead similar innovation parks in Portland Oregon, Beijing and Brasilia to demonstrate 'the best of British design and products'.

In the afternoon, Paviers were taken on a behind-the-scenes look at the research laboratories. We visited the Wind Tunnel with a 1/300th scale test model of a development in Brazil, the Structures Laboratory currently testing the facade of a new building for London, the Anechoic Chamber where staff shut themselves away all night for acoustic testing, and the Burn Hall where a 'standard' fire was being made ready to test a building element. We learnt that BRE invented the water sprinkler still used in many countries around the world, and companies still revert to them for certification. To cap the visit off we saw the 1/50th scale model of the Möhne Dam, built with two million blocks (smaller than Lego pieces) across a stream on the site. This was used by Barnes Wallace in the Second World War for some early research for the bouncing bomb. There is much to see at BRE, which can be visited by the general public. Paviers who were not able attend can find out more on their web-site www.bre.co.uk.

John Nutt



Postgraduate Education in Geotechnics



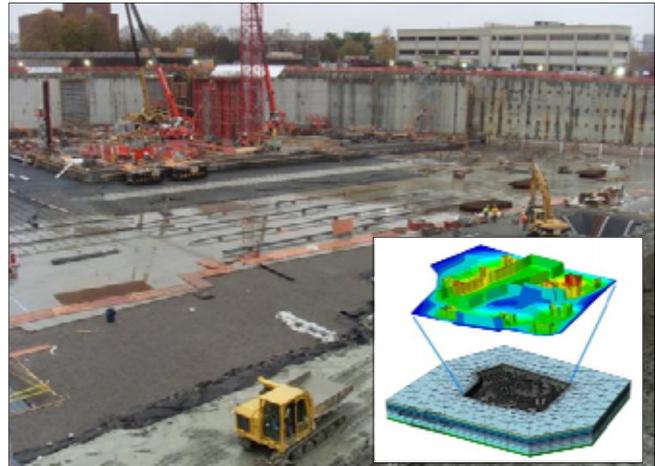
Earlier this year, Liveryman Jim Cook was interviewed by the journal *Ground Engineering and European Foundations* (www.geplus.co.uk) about problems with obtaining postgraduate geotechnical qualifications. Undertaking a masters degree is considered a key step in the career path of a civil engineer specializing in geotechnics. However, a loss of traditional funding mechanisms means that the cost of gaining masters degrees is out of reach for many students who need to gain this higher level of knowledge to work and succeed in the geotechnics industry. The consequential lack of students means that some courses are no longer viable for universities. Jim is the Head of Ground Engineering at consultants Buro Happold and is a former Chairman of the Ground Forum, which brings together learned societies and trade associations from the ground engineering sector.

Jim Cook

Jim's view is that 'masters degrees are important when it comes to geotechnics. Civil engineering is a broad subject, but graduates emerge educated rather than trained, so they need to work for a few years to learn to apply their education. Once they have settled on geotechnics as a career, a masters degree is essential to ensure they have a good grounding in soil mechanics as a building block for the rest of their career'. He added that the lack of funding is not only putting students off moving into geotechnics, it is also resulting in courses being closed due to lack of numbers. This is not just a problem in the UK. Universities in the United States, including MIT, are struggling to run geotechnics courses and Harvard no longer offers engineering courses at all.

'We have been working with The Parliamentary and Scientific Committee to try and demonstrate that we are storing up problems for the future through the current lack of funding, but the government has the attitude that industry can pay for it, while industry says that it cannot afford it', says Jim. There are no easy solutions, but he believes that a joined-up approach, driven equally by government, academia and industry is needed.

He adds that 'too many are waiting for others to make the first move, but we need a unified approach. We currently have an age gap opening with a real lack of geotechnical engineers in their late 30s to 50s, as they have moved overseas or to other industries. Without action on funding to train the next generation, we will start having to question what we will do when all the geotechnical engineers have gone'.



Typical work of a ground engineer is the design and construction supervision of a deep basement, in this case requiring the excavation of over 1.5 million cubic metres of soil and the construction of diaphragm slurry walls; inset is the 3D finite-element model developed for the design of the structure

Paviors' Medal for Excellence

The 2013 Paviors' Medal for Excellence has been awarded to Liveryman Michael Conway 'for his vision, innovation and determination over the last 30 years in developing his business into what it is today with a reputation for a progressive approach to construction industry recycling and sustainability, marking him out as one of the leaders in the industry'.

Nominations for the 2014 *Paviors' Medal for Excellence* and for the *Master's Medal* should be made in writing to the Clerk, John Freestone, at Paviors' House. Details of the awards are given on the Company's web-site www.paviors.org.uk.

Michael Conway receiving the Award from the Master at the Annual Banquet



www.sharpphoto.com

Examination Success

Many congratulations to Freeman Marc Bear on gaining a first class honours degree (MEng) in Mechanical Engineering at the University of Birmingham. Marc took up an appointment with Arup in September, and we wish him well in his future career.





Annual Banquet



The Paviors' Annual Banquet took place in the Egyptian Room (left) at the Mansion House on Thursday 26 September with 280 attending. Guests enjoyed a meal of halibut carpaccio followed by roast red-leg partridge, accompanied by a Monterey Vaquero Chardonnay 2011 and a Robertson 2012 Arabaella Cabernet Sauvignon. The Paviors are very grateful to BAM for sponsoring the Banquet.



The official party is led into the Banquet by Beadle Barry Blumsom



Terry and Caroline Last enjoy the ceremony of the Loving Cup



Lt Cdr Euan Stuart of HMS Argyll thanked the Paviors on behalf of the guests in an interesting and amusing speech; Lt Col John Baynham and Wing Cdr Graham Pemberton were also in attendance representing Pavior affiliates 3PWRR and 29(R) Squadron



Alderman Sir Michael Bear, representing the Lord Mayor, receives cheques from the Master for the Lord Mayor's Charity and the Mansion House Scholarships

Charity Trust Fund awards for 2013	
Beneficiaries	Allocation £
Industry-related ⁽¹⁾	10,500
Military affiliates	4,750
City-related	5,950
Education ⁽²⁾	63,900
Promotion of excellence ⁽³⁾	1,900
Total	87,000

Notes

- (1) Amberley, Ironbridge, RedR and Master's Charity
- (2) Arkwright Scholarship, Paviors' Budding Brunels, Coram, CYT, Stephen Lawrence Trust, plus prizes and project-support to several schools and universities
- (3) Paviors' Medal and Master Certificates

Charity Committee

In the past year, the Charity Committee has started to implement a more ambitious plan for our charity activities. A goal of doubling our donations from £50,000 to £100,000 per annum has been set and, in the current year, these are expected to rise to £87,000. The strategy emphasizes education in fields related to paving and supporting underprivileged students, particularly from the neighbourhoods bordering the City of London. A group of new Paviors, Melanie Hampton, Rob Kremis and Jenny Mills, are working with the Committee on the formation of an academy to achieve these objectives.

The Charity Investment Fund currently stands at £640,000 and is managed by Rathbones, with an objective of generating a minimum income of £20,000 per annum to fund our giving. The current beneficiaries of the Company's charity funds are summarized (left). The majority (some 73 per cent) is directed to education in line with our strategy.

The funds raised this year have been boosted by £17,000 from last year's Master's Charity Dinner and £22,000 from this year's Charity Golf Day. Our appreciation is extended to all involved.

Dyfrig James

Frank Graves OBE 1929-2013

We regret to report the death of Frank Graves, who passed away recently on his 84th birthday. He was a Liveryman from 1976 to 2011. Frank was a chartered quantity surveyor whose practice, Francis Graves, grew into one of Birmingham's best known companies. He was project controller for the contract to build the NEC in the 1970s, Deputy Lieutenant of the West Midlands in 1982, High Sheriff of the West Midlands in 1988-89, President of the Royal Institution of Chartered Surveyors, President of Birmingham Chamber of Commerce and Chairman of the South Birmingham Health Authority. Awarded the OBE in 1983, Frank was also a Vice-President of Aston Villa Football Club, a committee member of Warwickshire County Cricket Club, President of Harborne Cricket Club, a Director of the Hippodrome Trust and Vice-Chairman of the West Midlands Army Benevolent Fund. The Paviors Company extends its condolences to his wife Phyllis, daughter Helen, and to the family.

Obituary



Forthcoming Events

<i>Date and time</i>	<i>Event</i>	<i>Who can attend</i>	<i>Venue</i>
2013			
Mon 16 Dec 18.15	Luncheon Club Christmas Dinner	Members, partners and guests	Stationers' Hall
2014			
Thu 16 Jan 18.00/20.00	Common Hall and Dinner	Liverymen	Trinity House
Wed 29 Jan 12.30	Luncheon Club	Members and guests	Oriental Club
Tue 11 Feb 16.00/19.45	Paviors' Lecture and Dinner	Liverymen and guests	Imperial College
Tue 18 Feb 18.30	Ladies' Dinner	Ladies	Merchant Taylors' Hall
Mon 03 Mar TBC	Swimathon	Liverymen	RAC Country Club, Epsom
Thu 06 Mar 18.00/19.30	Installation Service and Dinner	Liverymen, partners and guests	St Martin within Ludgate/Cutlers' Hall
Fri 28 Mar	Wine Circle St Emilion tasting	Members, partners and guests	Travellers' Club
Tue 01 Apr 12.30	Luncheon Club	Members and guests	TBC
Fri 04 Apr 10.55/13.00	United Guilds' Service and lunch	Liverymen and partners	St Paul's Cathedral/Cutlers' Hall
Tue 29 Apr 19.00	Spring Livery Dinner	Liverymen and guests	Carpenters' Hall
Wed 28 May	Wine Circle	Members, partners and guests	TBC
Wed 04 Jun	Luncheon Club Day Out	Members, partners and guests	Wimbledon TBC
Tue 24 Jun 11.30	Election of Sheriffs	Liverymen	Guildhall
Mon 14 Jul	Charity Golf Day	Liverymen and guests	Bearwood Lakes GC
Tue 15 Jul	Gala Concert	Luncheon Club members, partners and guests	Guildhall School of Music and Drama, The Barbican
Tue 02 Sep 12.30	Luncheon Club	Members	RAF Club
Fri 26 Sep 18.30	Annual Banquet	Liverymen, partners and guests	Mansion House
Mon 29 Sep 11.30	Election of Lord Mayor	Liverymen	Guildhall
Wed 01 Oct	Wine Circle	Members, partners and guests	TBC
Wed 22 Oct	Luncheon Club Evening Event	Members, partners and guests	TBC
Sat 08 Nov	Lord Mayor's Show	Liverymen, families and guests	TBC
Wed 12 Nov	Luncheon Club	Members	Guildhall
Wed 26 Nov 19.00	Autumn Livery Dinner	Liverymen and guests	Clothworkers' Hall
Mon 15 Dec 18.15	Luncheon Club Christmas Dinner	Members, partners and guests	Stationers' Hall TBC

Admissions Committee

The new Admissions Committee now have their feet under the table and are enjoying the challenge of effecting modest growth in the Company's numbers over the next few years. There has been a good flow of candidates recently who have been of high quality, often holding senior operational roles within the industry. The strategy is to continue to focus on candidates with a construction background as this provides a platform for our continuing industry initiatives and associations. However, candidates who can support the Company in other ways are also welcome. We are equally keen to continue building on the recent influx of younger members that have engaged so well with many of the Company's activities. The Committee favours candidates introduced by existing Paviors, so liverymen at all levels are encouraged to bring forward potential candidates: indeed it is vital that they do if we are to maintain the quality of recent applicants. If you would like more details, or a discussion on how to propose a new member, please contact the Clerk or myself and we will be pleased to provide further information.

Miles Ashley

New Members

Liveryman admitted 11 July 2013



Christine Townley

*Director
Construction Youth Trust
Sponsor:
Ian Edwards*



Master's Message

I am writing this Master's Message after another Lord Mayor's Show weekend which, this year, saw an excellent fireworks display, but not such enjoyable weather. My year is rolling on. My thanks go to all Paviers, and to our sponsors and friends for all their work and support in organizing the great year we are enjoying so much.

Our congratulations and best wishes go to our Honorary Liveryman Fiona Woolf, on her election as Lord Mayor for the coming year. The Paviers look forward to listening to stories of what I am sure will be a magical year for her and her husband Nick.

I am often asked 'how is your year going?'. At the beginning, I set myself a challenge for us to foster closer ties with our affiliates. I think we are achieving this, and I was particularly pleased that representatives of HMS Argyll, 29(R) Squadron and the Third Battalion Princess of Wales's Royal Regiment were able to attend our Annual Banquet, with Lt Cdr Euan Stuart of HMS Argyll providing an excellent account of their last deployment. Our affiliates have also assisted with our fund-raising at the Charity Golf Day, and the 29(R) Squadron team offered a great auction prize of a day at the Squadron Headquarters. In addition, the Commanding Officer of HMS Argyll has invited myself and others to join the ship on its voyage from Devonport to London in January. Our thanks to you both for your generosity that will help increase our charitable giving, as well as providing an unforgettable experience for those able to participate.

My second target was to have some fun. Well what a year! I have exceeded my wildest dreams, and there is still time to enjoy more with you all at a number of future events.

Finally may I take this opportunity to wish all Paviers and their families a peaceful, relaxing and enjoyable Christmas and Happy New Year from both Dorian and myself. We are looking forward to seeing you early in 2014.

John Dance, Master



Annual Accounts

Our Company financial statements for the year ending 31 December 2012 can be summarized as follows. A surplus of income over expenditure of £6,252 was achieved after tax (£3,631 in 2011). This result was slightly better than that budgeted, and includes a significant £11,000 contribution from the sponsorship of events. Investment income of £7,961 held up well, bearing in mind the continuing depressed investment market. The balance sheet continues to show a healthy £370,679 reserve position, with around £71,000 of this held in a Property Reserve Fund for future use intended to enhance our presence in the Charterhouse complex. The detailed accounts can be found in the members' area of the Paviers' web-site (www.paviers.org.uk).

Terry Last

2014 Paviers' Lecture

The 2014 Paviers' Lecture will be given by Ginny Clarke, Director of Strategy and Planning, Highways Agency on the subject of 'Engineering and managing some of the world's busiest highways'. The lecture will take place on 11 February at Imperial College. All are welcome to attend. Check the Paviers' web-site (www.paviers.org.uk) for details.

From the Editor

The Editor thanks all those contributing articles to this edition and, particularly, to the following for contributing photographs: Clive Barda and the Guildhall School of Music and Drama, Michael Bear, City of London Corporation, Jim Cook, Ian Edwards, HMS Argyll and the *Argyll Times*, Institute of Asphalt Technology, Stewart Laing, Billy McCoubrey, John Nutt, Linda Parsley, Photoshot.com, Gerald Sharp Photography.

Note that the Editor is responsible to the Marketing Committee for all material published in *The Pavior*. Any comments or concerns about its content should be raised directly with the Editor and not with individual contributors.

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Contact the Paviers Company

To learn more about the **Worshipful Company of Paviers**, check our web-site www.paviers.org.uk

The Clerk, John Freestone, can be contacted at Paviers' House,

The Charterhouse, Charterhouse Square, London EC1M 6AN

Tel: 020-7253-2220; e-mail: Clerk@paviers.org.uk

The Editor of *The Pavior* is Dick Robinson Tel: 01344-772203 e-mail: RobinsonUK@compuserve.com