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Newsletter
 **Arkwright**
SCHOLARSHIPS

Sponsored by the
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Mobil



issue 2 | 2002

2002

2007

2005

2006

2003

137

Scholarships this year

in this issue

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10th Anniversary Soiree

58 past and current Scholars met with sponsors and supporters of Arkwright at a very successful evening sponsored by The Royal Society. Sir Bob Reid, one of the Patrons of the programme gave an address which encouraged future support from those attending. Robert Inett, 1998 Scholar, sponsored by Huntleigh Technology Ltd, highlighted his achievements and the benefits of being an Arkwright Scholar. The event has inspired new sponsors to

agree to support Scholarship Awards, these include, Engineering Employers Federation, Engineering and Marine Training Authority, Institution of Mechanical Engineers, Lattice Group, Microsoft Research, Microsoft Limited, Royal Air Force and the Strategic Rail Authority.

If any other new sponsors would like to know more about the Scheme, please contact Linda Scott, National Manager.

"Adopt a Scholar" Scheme

Whilst Linda Scott, National Manager, was visiting the regions last year, a new Scholar spoke with her and expressed the view that whilst he was very happy to be offered a Charitable Trust Scholarship he would not have the benefit of a company visit and work experience like other Scholars.

As a result of this plea, the "Adopt a Scholar" Scheme has been launched. Existing industry sponsors were asked if they would like to adopt some Scholars who are supported by charitable trusts as well as the ones they are supporting financially.

Twelve companies have agreed to adopt and it is very much appreciated by the Scheme and the 47 Scholars who received their Awards in 2001.

NEW Sponsors



New sponsor Ford Motor Company pledged 2 Scholarship Awards for 2002 and 4 in 2003.

John Lowe, Project Leader Technology & Community has been instrumental in promoting Arkwright in Essex to companies and schools through the local partnership networks. Linda Scott plans to mirror this "Cluster Strategy" in other areas with some of Arkwright's existing sponsors.

If you would like to know how you can become involved with a Cluster please call Linda.



John Lowe presents Linda Scott with the first installment of a pledge for 2 Scholarships.

Reunions

The first event of its kind for Arkwright was a Reunion and Open Day at RAF Cosford. 12 Scholars and their parents attended and were given an excellent presentation by Group Captain Les Burrell followed by a tour of the Station and lunch. As a result of this high profile and the precise targeting that Arkwright can provide to sponsors, 6 Scholarship Awards have been pledged by the RAF and will be awarded in September 2002.

The second event was a Reunion at Masson Mill, Matlock Bath. Ten 2001 Scholars their parents and siblings were treated to a visit to this historical site which was Sir Richard Arkwright's Mill. It is now a working textile museum. The owner Mr Robert Aram gave an introductory talk followed by a tour and lunch. Arkwright Scholars have free access to the museum and should present their Membership Card on arrival.

These events are a new dimension for Arkwright but both were very successful and enjoyable and it is hoped that they can be repeated and more added to the calendar.

2001 Arkwright Scholars with Group Captain Les Burrell



Scholars NEWS

Nicholas Dennis from the Royal Grammar School, Worcester was one of the top 5 candidates for GCSE Design with examination board AQA. Nicholas received his Rolls-Royce sponsored Scholarship in November 2001.

Andrew Blackhurst, Arkwright Scholar in 1999 from Queen Elizabeth Grammar School, Wakefield was one of three candidates from their centre to score within the top five marks nationally in AQA Design and Technology (Advanced).



John Appleton, Chairman of The Smallpeice Trust presenting Andrew Blackhurst with his certificate

Andrew has just completed a Year Out on The Smallpeice Trust's Engineering Careers Foundation Year (renamed Smallpeice Engineering Gap Year) and will be reading Mechanical Engineering at Durham University.

In September 2002 a further five Arkwright Scholars will undertake their 'Year Out' with The Smallpeice Trust. For more information about the programme visit www.smallpeicetrust.org.uk

Scholar	School	Degree	University
Richard Dimock	Haileybury and Imperial Service College, Hertford	General Engineering	University of Durham
Craig Hamilton	Framlingham College, Framlingham	Mechanical	Cambridge*
Helen Liang	Bristol Grammar School, Bristol	Innovation and Engineering Design	University of Bath
Alexander Rice	The Leys School, Cambridge		
Oliver Lynch-Bell	Westminster School, London	Mechanical & Manufacturing in Engineering with Economics	UMIST, Manchester

* Preferred University, place to be confirmed subject to 'A' Level results.

Marshall's Lecture

Ben Simmons, current Arkwright Scholar and fellow students were invited to the Annual Arkwright Lecture, instigated by Sir Arthur Marshall the Life President and former Chairman of Marshall of Cambridge, which was delivered by Mr David Whitehead, Chief of Aerodynamics and Flight Testing. The subject this year was Flight Testing through the years and details of Marshall Aerospace's present flight test organisation which included an explanation of the modification and flight testing of the TriStar on behalf of The Orbital Sciences Corporation.

After the Lecture the students and staff were taken on a tour of the Marshall Aerospace Hangar by David Whitehead.



The Marshall modified L10-11 TriStar carrying the Pegasus Satellite Launch Rocket.

2001 Presentation of Awards



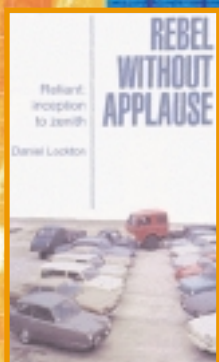
112 Scholarships were presented at the Royal Aeronautical Society by Professor Ian Poll, President of the Royal Aeronautical Society and Commodore Julian Williams BA Royal Navy, on 2nd and 5th November respectively.

Frank Shaw from the Sir Henry Royce Memorial Foundation presented an award to Edward Parsons from Royal Grammar School in Worcester and Daniel Stanbridge from The Blue School in Wells. Both Scholars were selected to display their work with other Scholars and were selected for the award for their design and excellent Craftmanship.

Two WISE Awards were presented by Marie-Noelle Barton, National Manager of The WISE Campaign to Joyce Wong from Taunton School and Amy Cowan from Lancaster Girls Grammar School for their outstanding achievement at GCSE and for their commitment to Engineering. Natalie Wilkins received the Year In Industry Award for her commitment to Engineering and work within the field undertaken on work experience and her aspirations to take a Year Out before reading an engineering degree.



Frank Shaw presents Daniel with his certificate and a Sir Henry Royce Medallion.



A Driving FORCE in ENGINEERING

Daniel Lockton was awarded an Arkwright Scholarship in 1998. He studied Maths, Physics, Design and Technology and History at Exeter School achieving grade A in all subjects. At his interview for the Scholarship his passion for the Reliant Robin shone through. Later this year Daniel's dedication to the car will come to fruition when

Bookmarque Ltd publish "Rebel Without Applause: Reliant from Inception to Zenith". He would be delighted to hear from anyone with Reliant Robin experiences including former employees and owners. For more details about Daniel and the book or to send material visit www.drive.to/Reliant.

Daniel is reading Industrial Design Engineering at Brunel and will be starting his sandwich year in September with Sinclair Research Limited.

Interviews...

"Review and Develop" is Linda's favourite quote.

After successfully running one of the interviews at Heriot-Watt University last year, the Universities of Loughborough, Bath and Hertfordshire saw the potential to participate. 168 candidates, many accompanied by one of their parents, passed through the universities' doors in April for their Arkwright interview.

During the day the students and their parents toured some of the engineering departments learning first hand what engineering is and the potential career opportunities. Whilst waiting for their interview students participated in an engineering challenge set by Professor Malcolm Chrisp from the Department of Civil and Offshore Engineering at Heriot-Watt and John Allen from INPUT at the venues in England.

Parents who visited Heriot-Watt were given the opportunity to attend informal sessions about financing students through university, sponsorship opportunities and living accommodation on and off campus. It is hoped that these sessions will be incorporated at all venues in the future. As a result of the interviews, 137 Scholarships will be awarded to students in September 2002.

The Arkwright Trust is very grateful to the DfES for supporting the interview days in England.

What the candidates thought...

"My interview provided me with practice for real job applications which is fantastic. Being with talented individuals with as keen and as interested in D&T as me was great."
Craig Shephard, Epsom College, interviewed at Hertfordshire.

"In the interview I have been able to gain valuable experience about how interviews are conducted and what 'A' Level choices would be advisable. I also learned from the team work how to communicate well with new people and I thoroughly enjoyed doing this project".
Joanna Roberts, Bury Grammar School for Girls, interviewed at Loughborough.

"I learnt to use different skills – better practice at mechanical design. The different degree courses were clearly explained so I now have a better view of what an engineering course entails".
Emma Ward, Canford School, interviewed at Bath.

"I gained Interview experience and learnt how team work is essential when completing activities such as the supply carrier. I also became aware how fierce competition is for an Arkwright Scholarship".
Stephanie Rochester, King Edward VI School, Morpeth, interviewed at Heriot-Watt University.



Loughborough
University



University of
Hertfordshire

Department for
education and skills



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Diary dates

2002

Friday 1st November

Presentation of Awards

Institution of Electrical Engineers,
Savoy Place, London

Monday 4th November

Presentation of Awards

The Royal Aeronautical Society,
4 Hamilton Place, London

2003

Friday 24th January

Closing date for 2003 Scholarships

Wednesday 5th February

Candidates' sit the Selection Paper

Interview Schedule for 2003 Scholarships

Monday 7th April, Heriot-Watt University

Wednesday 9th and Thursday 10th April,
University of Loughborough

Tuesday 15th April, University of Bath - TBC

Wednesday 16 April, University of Hertfordshire
North West – venue and date TBC

6th June Notification of 2003
Arkwright Scholarships

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