

# FOCUS

## ON ENGINEERING



Newsletter August 2016

The operating Subsidiary of The Engineering Trust (Registered Charity 287075)

### Welcome to the summer edition of our newsletter.

Traditionally this issue has focused on the achievements and successes of our apprentices; this edition is no different. We have reports on two very successful award evenings, and news of several competition winners.

Given the turmoil and frustration surrounding apprenticeships and funding changes, it is always good to remind ourselves why we do what we do. It is very heartening to see young people successfully achieve their apprenticeships, many of whom being recognised for their efforts at the award evenings.

We have two new faces to compliment the team at ETT. Firstly, Katie Duncombe has joined us as Finance and Audit Administrator. Katie has a finance and retail background, and will be supporting Hazel with the finances and the rest of the team with its audit obligations. Our second is Rob Alderman, who has joined us as a Training Officer. Rob has an engineering background in Motorsport and latterly as a college lecturer. He will work with Steve Barker and the other training officers to manage

our growing number of apprentices. At the time of writing there was still no further news from the SFA on the funding levels for new standards and apprenticeships; an update had been expected at the end of June.

Given the recent referendum upheaval it is now not known when this information will be forthcoming. We do still plan to hold an employer event once we have sufficient and relevant information to pass on to you.

*Chris Clarke.*

**Chris Clarke** Chief Executive  
Engineering Trust Training Limited

## NEW WEBSITE

Regular users of e-store will have already noticed that we have updated our web site.

The old site had become dated in terms of both content and infrastructure. The new site has a new style which promotes both the Engineering Trust and Engineering Trust Training: we hope you like it.

The site has been running for 2-3 months now so we believe that the bugs have been ironed out.

However, if you do identify anything that isn't working as it should please let us know.



# THE ENGINEERING TRUST AWARDS

Congratulations to all the Apprentices receiving recognition for all their hard work. Another very successful evening held on 20th April 2016 at Exeter Hall in Kidlington.

A big thank you to Neill Brody, Managing Director of Norbar Torque Tools Ltd in Banbury, for an inspirational speech, Tony Green (Crown Packaging) for presenting the Awards and for The Engineering Trust Trustees who gave up their time to review all the nominations and selecting a winner for each category.

Approximately 200 apprentices were eligible for the 2015 awards. Candidates are nominated by their Training Officer, by producing a written nomination stating why they think

an award is justified. Nominations are then reviewed by the Trustees to determine if an individual's achievements are worthy of an award. First and Second Year awards are based on individual achievement and progress.

Third and fourth year awards are based on achievement, quality of work, and progress in company. The winner of the Trustees award receive a trophy and is held for a year in company. All candidates receive a trophy to recognise their achievements.



## APPRENTICE COMPLETIONS FOR 2015

**Pictured:** Apprenticeship Class of 2015

William Cook	Crown Packaging
Jaimee Dawson	Culham Centre for Fusion Energy
Matthew Evans	Culham Centre for Fusion Energy
Robert Glen	Culham Centre for Fusion Energy
Paul Jepson	Culham Centre for Fusion Energy
Lee Sheldon	Engie
James McDonald	F R Fletcher & Son Ltd
Daniel Inman	Foundation Technology Ltd
Ryan Kimpton	Hartridge Ltd
James Latimer	Medical Research Council
Freddie Wilson-Lyons	OGM Ltd

Thomas Leonard	Oxford Instruments plc
Alexander Thomson	Oxford Instruments plc
Micheal Learoyd	Plasma Surgical Ltd
Lee Carlisle	Thames Water Utilities Ltd
Amar Padhiar	Thames Water Utilities Ltd
Lawrence Stevenson	Thames Water Utilities Ltd
Andrew Thompson	Thames Water Utilities Ltd
Jordan Howard	Thames Water Utilities Ltd
Jamie Condron	Thames Water Utilities Ltd
Alex Shaw	Zeta Automotive



## TRUSTEE AWARD WINNER

Becky Smith from Airbus Helicopters

## 1ST YEAR ACHIEVERS

Emily Swatton - Culham Centre for Fusion Energy

Harry Dimmock - Glazpart Limited

Thomas Lane - Owen Mumford

George Carr - Ultra Electronics Nuclear Control Systems

Georgia Foster-Symes - Ultra Electronics Nuclear Control Systems

Thomas Poore - Ultra Electronics Nuclear Control Systems

## 2ND YEAR ACHIEVERS

Emily Organ - Culham Centre for Fusion Energy

Jessica Monk - MRC

Jay Thomas - Nuvia UK

Patrick Wilkinson - Owen Mumford

Joshua Wilkes - Terex MHPS(UK)

## 3RD YEAR NOMINEES

Becky Smith - Airbus Helicopters Ltd

Jake Payne - Culham Centre for Fusion Energy

Ben Frank - FMB Oxford

Joseph Key - Ultra Electronics Nuclear Control Systems

Joseph Samways - UYS Ltd

Joe Witney - UYS Ltd

Mechanical Winner - Joshua Spratt from Airbus Helicopters

Electrical Winner - Daniel King from Ultra Electronics

## 4TH YEAR NOMINEE

Robert Glen - Culham Centre for Fusion Energy

Winner - Freddie Wilson-Lyons from OGM Ltd

### 3rd Year Nominees



**Becky Smith with Neill Brodey**  
Trustee Award Winner



**Daniel King with Neill Brodey**  
3rd Year Electrical Winner



**Freddie Wilson-Lyons with Neill Brodey**  
4th Year Winner

# AWARDS BEMA - APPRENTICE PRESENTATION REVIEW 2016



BEMA has now completed its second year of training apprentices in the "Engineering Foundation Training" course with the number increasing to sixteen apprentices.

The nine months training has consisted of continuous development within a workshop environment with the objective to equip the candidates with a firm knowledge of manual machining, workshop fitting skills, hand tool abilities and CNC capabilities.

Our sixteen candidates from eight companies based in the Bristol and North Somerset areas all passed their training to a very high standard which was recognised by their respective employees that attended the presentation evening on the 26th of May this year. There were many prize winners on the evening which was not only attended by their companies but also parents and representatives of the commercial suppliers to the centre. The initial success of the BEMA Training Centre not only attracted interest from other BEMA member companies but also from non-members and the new recruits that will start in September will include five apprentices from Dyson.

**Completion Certificates were gained by:**

Cameron Brooks	Seetru Limited
Tyler Couzens	Avon Valley Precision Engineering Limited
Harry Cox	Avon Valley Precision Engineering Limited
Sam Doe	Seetru Limited
Christopher Edwards	Broadway Engineering Co Ltd
Cameron Golding	Smurfit Kappa
Daniel Honour	Broadway Engineering Co Limited
David Kiddle	Seetru Limited
Aaron Loughlin	Nylaplas Engineering Limited
George Parsons	Nylaplas Engineering Limited
Louis Petteford	McBraida Plc
Joshua Powell	Broadway Engineering Co Limited
Thomas Sorrell	McBraida Plc
Joshua Thatcher	McBraida Plc
Joshua Westlake	Bitton Precision Engineering Limited
Callum Winfield	Strenco Tools Limited

## 2016 AWARD WINNERS

**Pictured below:** BEMA Apprenticeship Completions

**Presidents Award**

Callum Winfield of Strenco Tools Limited

**Runner up Presidents Award**

Cameron Golding of Smurfit Kappa

**Apprentices Apprentice**

Christopher Edwards of Broadway Engineering Co Ltd

**Runner up Best Phase Test**

Louis Petteford from McBraida Plc

**Best Phase Test**

Thomas Sorrell from McBraida Plc

**Runner up Best Log Book**

David Kiddle of Seetru Limited

**Best Log Book**

Tyler Couzens of Avon Valley Precision Engineering Limited

**Apprentice of Year**

Callum Winfield



## GTDEV

group training & development

During Spring 2012, Group Training and Development (GTD) Limited focused its efforts on growing its number of member companies, with the objective of increasing the overall number of apprentices for the September 2012 intake, and to showcase the value of Apprenticeships for businesses.

This initiative resulted in GTD successfully increasing its member companies by a further 13 local business, all of which recruited at least one apprentice in 2012. The new member companies covered a wide range of disciplines, from toolmaking through to air conditioning engineering, and further enhanced the

range of opportunities offered by our member companies. September 2012 saw the intake by GTD of 30 new apprentices, which was the largest number in GTD's history. 2016 will see all 30 of these apprentices, who started in 2012, complete their apprenticeship – a 100% success rate for that intake year.

Of these, 20 apprentices will achieve a Level 3 Advanced Apprenticeship, with the remaining 10 achieving a Level 2 Apprenticeship. 2012 was the first year in which GTD and Engineering Trust Training (ETT) Limited worked together, and the 2012 apprenticeship intake were the first to use the E-store Recording System,

enabling a standardised approach to their portfolios.

To celebrate the success of the 30 apprentices who will complete their apprenticeship this year, GTD will be holding a prize-giving in October 2016 to honour their achievements.

The success of the 2012 intake has demonstrated the value of apprenticeships to both the learners and to their businesses, and this has resulted in a number of the new member companies from 2012, and indeed subsequent new members, looking to recruit further apprentices for the 2016 intake.

## GRAVITY RACER RACE DAY

After a year of designing, fabricating, machining and then finally assembly, 6 teams from the Banbury and Bicester Motorsport College came together on the 8th June at Cornbury Park for the Activate Learning organised race day. The teams consisted of 2nd year BTEC Level 3 Motorsport Engineering Students, who as part of their final year project had to design, build, and then finally race their Chassis. Part of the project involves engaging with local business to try to secure sponsorship. One lucky team secured sponsorship from The Engineering Trust, the team consisted of Josh Vadher, Luke Stark, Ethan Rowlands, Sai

Sai, Lewis Makenzie and Harry Mortimer, with the support from The Engineering Trust the team was able to ensure the best options of wheels, tyres, and brakes were used in the design of the racer. The race day for the team started with having practice runs down the track to fine tune their racer to the track and assessing the best plan for the timed runs, when the timed runs took place they were well placed in the top 3 when on the final timed run driver Luke Stark did what turned out to be the perfect run ensuring that the **Engineering Trust Supported Racer took fastest time of the day and taking the win on the day.**





## BRATHAY APPRENTICE CHALLENGE

Congratulations to UKAEA who excelled across all stages of the Challenge. HMRC Digital Newcastle got second place and HSBC finished third. The Brathay Apprentices Challenge is the search for the apprentice team of the year, supported by the National Apprenticeship Service. To win the Brathay Apprentices Challenge, teams undertook a series of exciting and interactive work-related challenges

to develop new skills and showcase their employer by engaging with young people and businesses to promote the benefits of apprenticeships. The challenges are designed to ensure that the teams demonstrate their team building, leadership, logistical and communications abilities.

Well done Team Culham.



## YOUR GENES AND YOU

Recently, on the 18th June MRC Harwell opened its doors to the public for a "Your genes and you" open day.

MRC Harwell is a leader in genetic research, working towards improving medical knowledge and treatments by studying genetic traits in mice. Visitors had the opportunity to tour working research laboratories; use a 3D printer; extract DNA from strawberries and much more.

Jessica Monk, who is in her 3rd year Engineering Apprenticeship at MRC Harwell also got involved. Jess demonstrated to visitors MRC Harwell's new 'Trotec' laser engraving and cutting machine. Visitors were able to watch the machine in action as Jess made unique etched MRC festival coasters. Jess also made bespoke coloured coasters for several VIP guests including the Mayor and Mayoress of Didcot and the MP for Didcot and Wantage Ed Vaizey. Ed chatted to Jess about the apprenticeship scheme and about her career in engineering so far.

# THE MAN WITH THE GOLDEN SPANNER!

Congratulations to Douglas Hore from Nuvia, who has won the Golden Spanner Award at Abingdon College. The award recognises his efforts and hard work both in the workshop and with his academic study.

In his citation, read by Mark Byerley Head of Technology, he mentions Douglas's work being of the highest quality and his meticulous attention to details. He went on to say that "he is a determined and focused student who has a bright future ahead".

Well done Douglas

## DATES FOR YOUR DIARY

**Mentor Training**  
27 September at Exeter Hall

**Red Ridge Outward Bound 2016**  
24 – 28 October 2016

**The Safe use of Abrasive Wheels**  
21 September at Exeter Hall

## SHORT COURSES

### Abrasive Wheels

We will be holding an open Abrasive Wheels course on the 21st September. This course is designed to provide staff with the knowledge to safely operate and replace abrasive wheels in accordance with good practice. Abrasive Wheels are covered by the PUWER 1998 Regulations and by HSE Guidance (HSG17 2000) Safety in the use of abrasive wheels.

For further information on our short courses visit our [website](http://www.theengineeringtrust.org) or to book a place on the Abrasive Wheels course please contact us on 01993 882008 or email [info@theengineeringtrust.org](mailto:info@theengineeringtrust.org)

Manual Handling	Step Ladder and Ladders
Mobile Tower	COSHH Basic Awareness
Tower Scaffolding	Mentor Training
Abrasive Wheels	Risk Assessment
Working at Heights	Hand and Power Tool Safety



## FIRST CLASS HONOURS DEGREES

We are pleased to announce that three members of our engineering team at Thame, Dexter West, Jordan Fletcher and Luke Fraser have all been awarded First Class Honours Degrees in Mechanical Engineering from Bucks New University. Dexter and Jordan started with Lucy Electric in 2010 as Engineering Apprentices, following the completion of their apprenticeship in 2014 they have taken on important



roles in Engineering and have worked extremely hard continuing their studies part-time at university. All of them have been excellent ambassadors for Lucy and our apprenticeship scheme.