



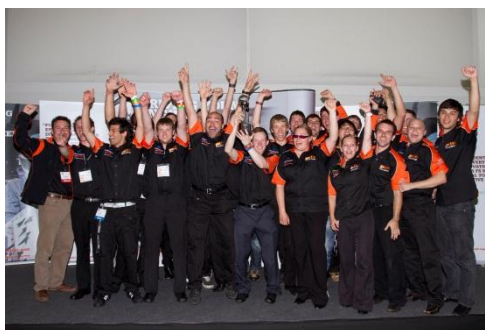
## Welcome

UH Racing would like to welcome you to the first edition of the 2011/12 UH Racing Newsletter. The Newsletter will be a monthly publication in conjunction with the new UH Racing video blogs and will follow the team's progress throughout the year.

## UH14: A Successful Formula

Last year's car, UH14, proved to be a successful competitor at both Formula Student UK & Formula Student Germany. At the UK event, held at the Silverstone circuit in Northamptonshire, UH14 achieved UH Racing's best ever finish at the UK event, coming in 3<sup>rd</sup> position overall. This made them the top UK team at the event. In the individual disciplines, UH14 finished 2<sup>nd</sup> in the 22Km endurance event with John Corrigan driving the 1<sup>st</sup> stint of 11Km & Steven Baldock taking over for the 2<sup>nd</sup> stint. In the business event UH14 achieved joint 1<sup>st</sup> with Swansea Metropolitan University, thanks to a superb presentation from Team leader Clare Cletheroe & James Taylor.

At the German event UH14 achieved 7<sup>th</sup> position overall against stiff opposition, once again making UH Racing the top UK team at the event. Here the team did well in the statics events, coming 2<sup>nd</sup> in the business event, 2<sup>nd</sup> in the cost review & 4<sup>th</sup> in UH Racing's first ever design final. They also received a special award for inventing the new sport of Coneball & were presented with one of the cones used to mark out the track. Photos of the events can be found at the UH Racing Website.



UH14 celebrating at Formula Student UK

## UH15's New Team

The team that will be working on this year's car, UH15, has been decided. The student's that will hopefully be helping UH Racing become the first ever UK team to win a Formula Student event will be led by Russell Paddon. Russell has been involved with the team before but this is his first year as a full-time team member. Former Team Leader Clare Cletheroe is back for another year and will be taking on the role of Operations Manager.

Other team members from UH14 that have returned, providing continuity & sharing their experience, as managers for UH15 are Technical Director David Smallwood, Chassis & Suspension Manager Dominic Bennett, Karamjit Kundi as the Manager of Engine & Electronics, Jonathan Last as the Manufacturing Manager & Steven Baldock as the new Simulation & Testing Manager. New to this year's team are Jack Dudman as Drivetrain & Brakes Manager, Daryl Craine as Statics Manager & Kimberley Buckley as Marketing & Media Manager.

It is hoped with all the experience gained by the team from last year & the fresh ideas from the new members that UH15 will have the winning formula.

## UH15 Updates

### Chassis

The chassis team are currently mocking up a full-scale chassis model for checks, before commencing steel fabrication.

They are also investigating exciting new material proposals for the side bodywork panels.

### Suspension

The suspension group are working in 3D-CAD to repack the suspension components into a smaller wheel space.

### Drivetrain & Brakes

The drivetrain team are working on detailed concepts for the drivetrain & are nearing final designs.

The brakes team are currently in the specification and design phase.

### Simulation & Testing

Work is progressing well with the modelling of both UH14 & the test track onto the Cruden Simulator.

### Engine & Electronics

The engine group are re-installing the engine into the dyno-cell, including making a new engine frame.



## UH Racing's students are award winners.

Members of UH Racing were honoured on 9<sup>th</sup> November at the annual School of Engineering & Technology awards ceremony held at the University of Hertfordshire. During the presentations, UH14's success was praised by the head of school Reza Sotudeh. Among the team members who received awards was the Simulation & Testing Manager Steven Baldock. He jointly shared the Kurt Dannenberg Scholarship for the most successful student progressing onto the MEng with Chassis & Suspension Manager Dominic Bennett. Dominic also received the IMechE Project Award for Outstanding Achievement in a Research, Design & Development Project. Other team members who received awards were: Drivetrain & Brakes Manager Jack Dudman, Chris Miller, Antonio Carrozza, Laurence Jones & Kingsley Ohuka who all received an EngTech for demonstrating certain key skills from communication to applying technical knowledge, whilst on their industrial placements. Jack also received an ICTTech for his work on placement.



UH14 after a test at Bruntingthorpe Proving Ground  
[www.uhracing.co.uk](http://www.uhracing.co.uk)

## UH Racing's Blog Debut

Another first for UH Racing happened this month with the première of the UH Racing Video Blog on their website & YouTube channel. The blog will hopefully promote UH Racing to a wider audience as well as keeping their much valued partners up to date with what is happening in the team. Kimberley Buckley, Marketing and Media Manager, who created the blog, said "I hope this blog will be an interesting insight into what goes on behind the scenes of UH Racing & show all the hard work the team does. I also hope it will be a link to the team's partners so they can see how their services make a contribution to the team's success". As well as the video blog, UH Racing is also featuring in a monthly online blog on the Herts & Essex Newspaper website. UH Racing was also in an article in the Cornish Guardian on the 26<sup>th</sup> October. The article focused on Kimberley Buckley, who is from the county, as well as new team leader Russell Paddon who is from neighbouring Devon. The article will hopefully promote engineering as a career option in the south west, as well as encouraging more girls to take up the profession. Both the video & written blogs as well as the news article can be viewed via the UH Racing website at: [www.uhracing.co.uk](http://www.uhracing.co.uk)

## Karting Event

The newly formed UH15 team went on their initial social karting event at Rye House Kart Track on the evening of the 28<sup>th</sup> October. The conditions were dry but a bit slippery on track. UH Racing fielded 3 teams of 5 drivers in a 2 hour endurance race against a mixture of other teams made up of the university's BUKC team & members of the public. The top UH Racing team came 4<sup>th</sup> overall just missing out on the podium, but UH Racing did secure the top 3 lap times of:

Matt Grant: 41.20s

Antonio Carrozza: 41.61s

Steven Baldock: 41.70s

## Loctite Presentation



Mr Orme & Mr Chapman with UH14

On the 3<sup>rd</sup> November UH Racing were lucky enough to be visited by representatives from long term partners Loctite. Mr Colin Chapman from Marketing & Mr Bob Orme from the Technical department gave an interesting presentation into the Loctite company as well as the various products it has on offer. It was a good opportunity for the team to ask about possible new applications for Loctite products on UH15. Mr Chapman & Mr Orme were then taken to have a tour of last year's car, UH14, which featured applications of a number of the products supplied by Loctite.

Kimberley Buckley Marketing & Media Manager