

CURRENT

ELECTRIC MOTORCYCLE AT OHIO STATE



*Sponsorship information
2016-2017 Race Season*



WHO WE ARE

Buckeye Current is the world’s premier collegiate electric motorcycle race team.

The team has a record of success on the international stage, with podium finishes against professional teams and numerous records and awards.

As a student project team housed at the Ohio State University Center for Automotive Research (CAR), Buckeye Current shares space with other cutting-edge motorsports teams, and has access to world-class facilities and engineering expertise.

ACHIEVEMENTS

2012	2013	2014	2015	2016
144 mph <i>East Coast Timing Association (ECTA) flying mile speed record</i>	THIRD PLACE <i>2013 SES TT Zero</i> TT UNIVERSITY PRIZE COLLEGIATE LAP RECORD MOTUL AWARD FOR TEAM TECHNICAL PERFORMANCE	THIRD PLACE <i>2014 SES TT Zero</i> TT UNIVERSITY PRIZE COLLEGIATE LAP RECORD INSTITUTION OF ENGINEERING AND TECHNOLOGY (IET) – BEST ENDEAVOUR	SECOND PLACE <i>Electric Modified class</i> <i>2015 Pikes Peak International Hill Climb</i>	THIRD PLACE <i>Electric Modified class</i> <i>2016 Pikes Peak International Hill Climb</i>

A sponsorship with Buckeye Current brings visibility at a local, national, and international level. The team has frequent features in media publications online and in print, as well as an experienced, professional media relations and outreach staff at the CAR and at the Ohio State University. For component suppliers, our application can serve as an engineering testbed, and the team is able to perform validation and provide test data. Employers benefit from direct access to the best, most experienced students at the university, who benefit directly from your support.

Isle of Man TT Zero

Of all the courses and competitions in professional motorcycle racing, the Snaefell Mountain Course and the Isle of Man TT are surely among the most incredible. The circuit is 37.73 miles of surface streets, running from the start line in Douglas to Ramsey in the north before climbing 1,385 feet over the Mountain Road. The Isle of Man TT has over one hundred years of history, and it remains the single event that defines a motorcycle's performance against the most challenging roads and the most talented riders in the world.

In 2009, the Isle of Man opened a new class for electric racing, now called the TT Zero. In the five years since, average lap speeds have risen from 89 mph to 117 mph, outpacing riders in several of the conventional classes.

In 2013, the collegiate lap record sat at 88 mph, despite the efforts of several university teams. Buckeye Current's first appearance at the TT Zero smashed through that record. The team came in third place behind the top two professional race teams in the world. In 2014, the team repeated its podium finish and pushed the collegiate record still higher.

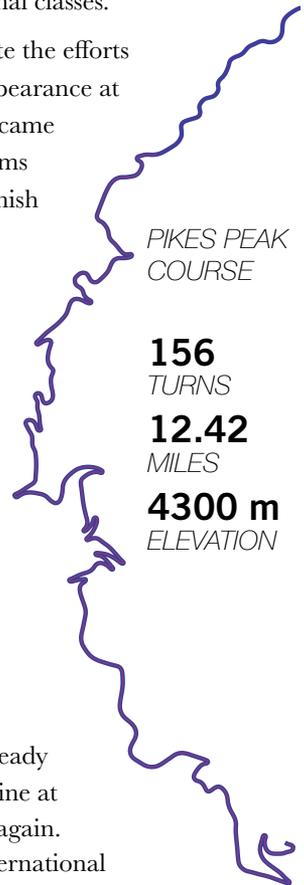
Pikes Peak International Hill Climb

In 2015, Buckeye Current debuted RW-3 in one of the longest-running competitions in American motorsport. Pikes Peak International Hill Climb runs 12.42 miles, with 156 turns on the course before the 14,110 ft. summit.

In 2015, we took second place in the Electric Modified class, but we weren't finished. In 2016, we refined RW-3 into a completely new vehicle, RW-3x. With a rookie rider, the team secured a third place finish in the electric class.

Development of the next iteration of , RW-3x, has already begun. In 2017, Buckeye Current will be on the start line at the bottom of the mountain, waiting to make history again. Our goal is to set the new lap record at Pikes Peak International Hill climb and conquer the mountain faster than any motorcycle has done before.

Will you be with us?



SPONSORSHIP BENEFITS

Visibility

Buckeye Current gets noticed. Our debut at the Isle of Man TT garnered international acclaim, including media coverage from television, print, and online outlets. Sponsors share in the attention:

- » Sponsor logos feature prominently on each vehicle. Associate your brand with cutting-edge development and with the most successful university team in the world.
- » Over 1000 visitors every year from industry, academia, and the public view our standing displays in the team's workspace. Team members are also available to participate in promotional events and videos.
- » Public visibility benefits from a professional media relations staff at CAR and broad exposure within The Ohio State University.

Engineering Validation

Professional racing provides sponsors with the opportunity to see their products proven at the highest levels of competition. An array of vehicle sensors log real-world performance data for components both on and off the track, and vehicles are evaluated using the world-class testing facilities at CAR, including:

- » Dedicated laboratories for battery profiling and the high-power testing of electric drivetrain components.
- » Chassis and engine dynamometers, power analyzers, and HIL simulators.
- » The Transportation Research Center, a 4500-acre outdoor vehicle proving ground in East Liberty, Ohio.

Talent

Buckeye Current includes some of the top talent in the nation, and sponsors have direct access for internship and full-time positions. Team members learn requirements-based design in a collaborative environment, mastering relevant skills not found in the classroom:

- » Experience in hands-on technical skills including CNC fabrication, machining, welding, 3D printing, and composite layups.
- » Familiarity with design tools and practices that are industry standards: advanced vehicle modeling and simulation, computer aided design, computational fluid modelling, and finite element analysis.



PIKES PEAK INTERNATIONAL RACEWAY



For media and sponsorship inquiries, please contact:

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Thanks to all of our 2015-2016 sponsors:



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