Following a successful summer of racing, it’s back to school for Team PrISUm. The team was busy as the fall semester began, attending 7 outreach events in the first month of being back in Ames. For the first time in team history, the team was invited to the Des Moines Concours d’Elegance and Mini Maker Faire, both major events that were huge successes. Phaeton was featured as a Star Car in the Concours d’Elegance, putting it with the likes of a 1928 Plymouth Q Roadster and 1912 Packard Touring Bus. Team members also had the opportunity to sit in cars such as the McLaren 650S, BMW i8, and Lamborghini Aventador.

While not at outreach events, the team has been recruiting new members to assist in our pursuit of competing in the World Solar Challenge in 2017. Through a multitude of on-campus events, PrISUm was able to enlist a record number of new members this fall. It is estimated that over 150 new members showed up to our first general meetings of the year (we had to hold two due to lack of space).

In a delightful turn of events, the team saw enormous growth in the number of non-engineering majors to sign up for the team. Many of these students study within the College of Liberal Arts and Sciences, including majors such as Animal Science, Geology, Elementary Education, Genetics, and Forestry. We also have members in other fields of study, like Design and Business. They are able to provide the team with fresh ideas that may have not have been considered by senior members of the team. These new students are effectively accomplishing tasks unrelated to their major. Science and engineering majors are doing tasks relating to management, accounting, and marketing while business and design majors are expanding their pool of experience by learning principles of mechanical and electrical engineering. Overall, we are very excited about the diversity of new team members and as a result, expect to be a more well rounded team as we take on bigger challenges than ever before.
In order to effectively manage the large number of new members, the team has undergone an organizational transformation, creating new teams, divisions, and appointing more directors than in previous years. The management team for the 2015-2016 school year is as follows:

Project Director: Matt Goode, junior, materials engineering  
Assistant Project Director: Dylan Neal, junior, mechanical engineering  
Treasurer: Rachel Pick, junior, aerospace engineering  
Mechanical Director: Danny Goldman, senior, aerospace engineering  
Assistant Mechanical Director: Jeremy Rurup, junior, mechanical engineering  
Technical Director: Jacob Heinberg, junior, mechanical engineering  
Shop Manager: Andrew Mallek, sophomore, mechanical engineering  
Safety Manager: Ron Harms, junior, mechanical engineering  
Structures Manager: James Burkholder, junior, materials engineering  
Dynamics Manager: Matthew Biederman, sophomore, mechanical engineering  
Aerodynamics Manager: Lio Bardina, sophomore, aerospace engineering  
R&D Manager: Matthew Swift, junior, materials engineering  
Electrical Director: Garret Lassek, senior, electrical engineering  
Assistant Electrical Director: Nathan Coonrod, sophomore, electrical engineering  
Systems Director: Garret Coleman, senior, aerospace engineering  
Strategy Manager: Lucas Ince, sophomore, computer engineering  
Business Director: TBD  
Assistant Business Director: TBD  
Outreach Manager: Jace Hegg, junior, aerospace engineering  
Webmaster: Kayler Renslow: junior, computer science

Formerly known as MATMAN (materials and manufacturing), the Technical Division is responsible for the shop area and the construction/restoration of PrISUm vehicles. A new division, the R&D Division will be responsible for investigating the feasibility of incorporating new technologies into future vehicles. Be sure to follow your Sundials closely, as they are working on some truly amazing things.

Also new is the Systems Team, which will be responsible for the cooperation between each of the other teams, ensuring we produce the best overall product and integration of designs can occur smoothly. The Systems Team will also be responsible for the interior design of future vehicles. Lastly, we made the choice to revive the race strategy team, which will be organized under the Systems umbrella.
PrISUm is excited to announce that we will be completely revamping our website. In a cooperative effort between our webmaster and the Web Development Club here at ISU, a new, more professional, website will be designed with a focus on being more user friendly and intuitive.

If you would like to leave a comment regarding things you like/dislike about our current website or things you would like to see regarding our future site, please send us an email at solarcar@prisum.org.

For more Information on the PrISUm team...
Website: www.prisum.iastate.edu/

See what we’re up to on Twitter:
twitter.com/Team_PriSUM

Like us on Facebook!
www.facebook.com/PrISUm.Solar.Car

For more photos of the team and our projects:
www.flickr.com/photos/prisum/

We also have a YouTube channel:
www.youtube.com/user/TeamPrISUm
Sponsors

Platinum: $10,000+

Gold: $5,000-9,999
Alcoa
CIPCO
Sinned Customs
Walmart
Doug and Linda Truckenmiller

Cardinal: $2,500-$4,999
Alliant Energy
City of Ames Electric
Evan Stumpges
Joe and LuAnn Meyers

Benefactor: $1,000-$2,499
3D Connexion
Altec
Curt
Jane and Donald Brownlee
Grimm Brothers Plastics

Sustainer: $500-$999
Advanced Circuits
SRA Soldering Products
Evan and Julie Hupp
Dwelle Family Foundation

Adopter
Wells Fargo
Joe Dunn
Sauer Danfoss
Dale Reid
eRubbermaid
Eric Weflen
Adopt-a-Program

Adopt-a-Cell
By donating $30, you can adopt a solar cell! There will be nearly 400 solar cells on the car, and this is an inexpensive way to become part of our team. When you adopt a cell, we send you a free team shirt and a certificate which includes the identification of your cell or cells.

Adopt-a-Tire
For a $100 donation, you can adopt a tire! Many tires are used over the lifetime of a car. When you adopt a tire, you will receive a certificate and two free team shirts.

Adopt-a-Battery
By contributing $250, you can help us purchase a module in our battery pack. We will have over 200 lithium-ion batteries in our car, which are grouped into modules. For adopting a battery, you will receive a certificate and your choice of two free polo shirts or four free team shirts.

Many companies match employee donations to 501(c)(3) nonprofit organizations like Team PrISUm. Please check with your employer. As a team PrISUm supporter, your name will be listed on our website and in our Sundial!

To join our Adopt-a-Program, please email business@prisum.org with your chosen donation amount and shirt size(s).

If you donate online through the ISU Foundation, please email business@prisum.org with your donation amount and selected shirt size(s).