



# SigEp

## SigEp Newsletter 2014

### Special points of interest:

- World Corporate Games
- Senior Design Projects
- RUCK Leadership
- Athletics/Greek Week Update
- Alumni Spotlight
- Spring Grade Report
- Announcements

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Spring 2014

July 15th, 2014

## Zorbey Canturk competes in World Corporate Games

I wasn't more than a month into my co-op at the Turkey office of SAS Institute Inc. when I got called into a meeting with the country manager for an urgent matter. "You're entering the Corporate Games for us, for the swimming event" he said. Apparently he found out my glorified swimming career with Galatasaray and the Turkish National Team from one of my colleagues at SAS, and wanted me to represent the company in the national Corporate Games: an athletic event that includes various sports such as basketball, volleyball, table tennis, swimming, go-kart, tennis, and even chess! This put a familiar, almost nostalgic responsibility on my shoulders that I have missed out on for the last several years. The good news was that I have been already working out here and there already and thanks to the healthy Mediterranean food, I have cut down 7 pounds of fat after my first month in Istanbul. The bad news was in terms of swimming, all of that meant nothing. I needed to get myself into the pool and start doing the same old practices over and over again. The fact that the events were 100 and 200 freestyle, not my best stroke, in a long course meter pool made everything a bit more challenging.

I cannot say that I hit the pool every single day, but I was at the gym or running by the Bosphorus everyday at the crack of dawn trying save my reputation as a retired swimmer. I was more than content when my diligence paid out in the pool at the Istanbul Corporate Games when I got the first place in 100 and 200 freestyle, with the times 58:05 and 2:06.23 consecutively. My happiness turned into pure joy when I found out that I was invited to the World Corporate Games in Liverpool, sponsored by my company and the Corporate Games organization. However this time, the event was a 1500 meter open water swimming in the Liverpool docks, and northern England is definitely not known with its warm weather.

I only brought a pair of shorts, a couple of t-shirts, and my SigEp quarter-zip (represent!) for the World Corporate Games weekend. I soon realized I have made a terrible mistake. It was pouring when my plane landed to Manchester, and there were thunderstorms by the time I got off the train to Liverpool. It was 53 F that day, and the water turned out to be even colder than that. Everybody was looking me weird on the race day with my swimsuit on that only covered my legs, whereas they had the full-body open water wetsuits. Nothing says foreigner better than an American accent, a Mediterranean tan, and a summer outfit in the middle of the rain, thunderstorms and pale British lads. At the end of the day, I managed to pull it through with a second place with a time of a little above 20 minutes. The water was absolutely freezing, and I was numb for the first 500 meters. The docks were full of seaweed that kept getting in my way, yet I somehow enjoyed the pain of doing one of the stupidest and rewarding things ever. I'd be happy to do it all over again, but with warmer clothes this time!

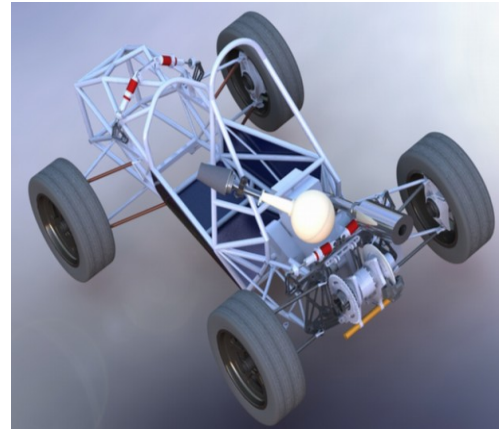


## Senior Design Projects



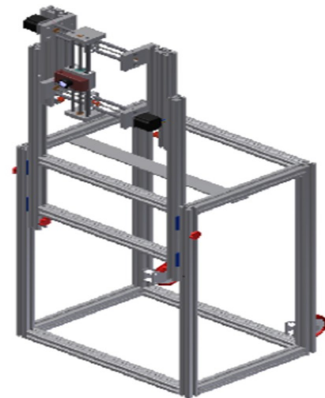
**Scott Miller**

Drexel FSAE designs, builds, and races open wheeled racecars for use at SAE sponsored competitions. The goal of this project was to provide Drexel FSAE with an updated engine system that will enable them to improve their performance at competition.



**Ryan Gallagher**

A prototype for an automated fatigue crack growth measurement system has been designed, fabricated, and validated for testing in accordance with ASTM E-647. The project is sponsored by the Federal Aviation Administration (FAA) Technical Center in Atlantic City. The automated fatigue crack growth measurement device is capable of detecting, monitoring, and measuring crack growth under cyclic loading using pattern recognition software.



**Greg Nicosia**

The project "Turning Green into Gold" explores the topic of sustainability, by focusing on the production of biodiesel from algae as an alternative renewable energy resource compared to fossil fuels.



## Senior Design Projects



**Stephane Guillou**

Nonmelanoma skin cancers are the most commonly diagnosed form of cancer in the United States. Spleen tyrosine kinase (Syk) is a protein over-expressed in response to UV exposure and inhibiting Syk can mitigate the harmful effects of UV radiation.



## Matt Cimino Represents PABB at Ruck

Over June 18-22, I had the honor of representing PABB at the Ruck Leadership Institute at the University of Richmond. Over these 5 days, I was able to share memories and experiences with 150 other SigEps from all across the nation. The weekend is based around "*The Leadership Challenge*" by Brother Barry Posner, whose book is based off the five principles of successful leadership: Model the Way, Inspire a Shared Vision, Challenge the Process, Enable Others to Act, and Encourage the Heart. We were taught these principles by our facilitators in small groups of 20 scholars. The small group sessions were interactive, collaborative, and at some points very personable.

Although, the small group sessions were impactful and educational, my favorite experiences came from bonding with my other group members, and learning from SigEps from all across the nation. This was best observed while conquering 8 obstacles 40 feet above the air during the high ropes course, and completing Frank Butterfield's (the founder of Body Pump) intense group exercise. I also had a chance to learn the detailed history of SigEp through the "Journey of Innovation," where I learned how our chapter came to greatness, and the steps needed to continue our success. I hope that over my next three years in PABB, I can incorporate the ideas, and lessons that I took away from Ruck, to inspire our chapter at Drexel to continue striving to make ourselves better, and all become "Ruck-like" leaders.





## Athletics Update

This spring SigEp was unstoppable in any athletic competition. SigEp took first place in both softball and the new intramural event, Dodgeball. In Dodgeball, SigEp ended up beating Pike in the finals and crushed every opponent in the regular season, finishing with a 4-0 record. In softball, SigEp crushed the regular season as well, going 4-0 and beating pike in the championship game with a score of 11-0! In soccer, SigEp made it to the semi-finals with a regular season record of 4-0, however ended up falling to PiKapp in that semifinal game. SigEp is currently 2<sup>nd</sup> in the athletic cup standings with 72 points, close to leader Pike who have 76 points.



## Greek Week 2nd Place Finish

SigEp placed 2nd in this years Greek Week, coming very close to winning, and it came down to tug of war to determine the victor. SigEp finished first in football, talent show, Dodgeball, and various other events in the Greek Week lineup. SigEp has a lot to be proud of, and hope to keep up the strong performances.

In case you missed it, here is a video highlighting Greek Week.

<https://www.youtube.com/watch?v=iIgAKLqhzzc>



## D-Day Commemoration– Derek Bensinger

This past June marked the 70<sup>th</sup> Anniversary of D-Day, the single largest seaboard invasion in history and the turning point in the Second World War. To most people, this is distant history, but to me there is a unique connection. My family owns and operates a restoration and replacement parts retail company specializing in antique jeeps. I've grown up fixing, riding in, and driving antique military vehicles of all sorts. World War II was really the dawn of the military vehicle and created the birth of, in my opinion, some of the most incredible vehicles ever designed.

My family's business has also been a lifestyle, and most family vacations have stemmed from trips to flea-markets, vehicle shows, and collector's conventions. The greatest trip of all though, for any military vehicle enthusiast is to Normandy, France for an anniversary year. This year my parent's, who had made the trip twice before, took my younger brother Dylan and I over with them for our first time. We spent 2-weeks visiting museums, beaches, battlefields, and cemeteries. Celebrating and learning about the incredible events that affected so many people and changed the history of the world.

We met many great people including a few surviving veterans who were able to make the trip. In addition to my Father's 6x6 Dodge that we took over and drove during our stay, I'd estimate we saw at least 4,000 other WWII-era vehicles being driven around by Americans, English, French, Dutch, Canadians, Australians, and even some Germans. The memory is still very alive for the people in Normandy and the liberation of those regions from Nazi rule is joyously celebrated.



## SigEp Spring Grade Report

Organization	Term GPA	Term Rank	# of Members in Class	Cum GPA	Cum Rank	Total # of Members
Sigma Phi Epsilon	3.398	1	74	3.378	1	92

**#1 in Term GPA and Cumulative GPA!**



## Summer Announcements

This summer there are many events that will be happening between the undergrads and the alumni. On July 26<sup>th</sup> there will be the alumni softball game and barbeque at Fairmount Park. The teams will be divided into the respective "SigEp Family" to try to connect the alumni with the undergrads. A successful event we did last summer, that is now open to the alumni, with West Chester SigEp was floating river tubing trip down the Brandywine river and this is will happen on July 19<sup>th</sup>. There is a potential golf event happening August 23<sup>rd</sup> and there will be more details to come out in the summer. The undergrads are looking forward to all the events with the alumni this summer.



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