WINTER 2014
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Battle Royal!

It’s that time of year again: the infamous GBM 3. The showdown. One of the longest meetings of the semester and probably the loudest and angriest. Not that we’re angry people. We’re just passionate about our organization.

It’s also the time of year for flowers to bloom and the weather to be nice, but there is still snow on the ground. I really hope I can mention the Polar Vortex as a passing memory in the next and final edition of the Local Bent instead of it accurately describing our recent weather conditions. I know I am not alone… it’s almost April and there is still snow on the ground. Given that the next meeting is in three weeks, I might have to eat my words.

No, I am not going to eat the Bent if there is still snow on the ground by GBM 4.

So let us come together, thaw a little and complain to the civil engineers who hove or work for MDOT about the conditions of the road and the “How to hit a pothole” video. Let’s also take the time to choose the class of Winter 2014. Will we invite all initiates to join for a second time in a row? It’s up to you!
Birthdays
Alright, who has the candles? Not again...

Steven Stapleton 3/28
Dalal Abed 4/4
Kenneth Thomas 4/9

rsec.mie.tbp@gmail.com
Meet the Initiates!

Here's a little info about our prospective members. I’ll let them introduce themselves and refresh your memories.

**Dalia Alzebdeh – BME PhD Candidate**

My name is Dalia Alzebdeh; an international student from Jordan. I’m a PhD candidate in the biomedical engineering department at Wayne State University. My research is focused on developing new techniques for hepatocyte transplantation to serve as a bridge for liver failure patients until they receive liver transplant or their own liver regenerate itself. My research is conducted under the supervision of Dr. Howard Matthew; professor in the material science and chemical engineering department at Wayne state University.

**Ali Badreddine – EE Junior**

My name is Ali Badreddine. I’m an Electrical engineering student currently in my junior year. I am very excited to join the Tau Beta Pi honor Society because of its prestigious name and vast benefits in the engineering community. I believe that through Tau Beta Pi I will be able to build my character as a future engineer and practice the engineering code of conduct.

**Nicholas Bely – BME Junior**

My name is Nicholas Bely, a student at Wayne State University who is majoring in Biomedical Engineering. I have many interests, which include but are not limited to playing guitar, reading manga and watching anime, playing video games on the occasion, and running my own fan-based website. I enjoy mexican food, or really any type of food, and highly enjoy hanging out with my fellow students here at Wayne.
Elizabeth Bielski – ChE PhD Candidate

Hi! My name is Elizabeth Bielski. I am currently a PhD Student in the Chemical Engineering Program working under the fabulous Dr. Sandro da Rocha hoping to improve drug delivery to the though the lungs. I also hold a BS degree in Biomedical Physics Honors and MS degree in Biomedical Engineering from Wayne State University. I have been involved in research and teaching activities for many years being a member of AICHE, Phi Beta Kappa, etc. and have received many awards and scholarships. Other than devoting myself to research, I spend my time outdoors, reading, playing a variety of card games, and I am a huge fan of the Red Wings!

Matthew Brown – BME Sophomore

My name is Matthew Brown and I am 2nd year Biomedical Engineering student at Wayne State. My main focus in BME is biomaterials and drug delivery. Currently, I volunteer in Dr. Sandro da Rocha’s laboratory focusing on In vitro Gene Knockdown in eGFP CALU-3 using siRNA – Dendrimer conjugates. Outside of school, I referee and coach minor hockey in Canada for the Tecumseh-Shoreline Minor Hockey Association. I look forward to my initiation into Tau Beta Pi.

Bachir Hamadeh – Civil Graduate

Wayne State’s been one of many stops throughout my educational journey. I started my education back in Syria where I was born, moved to the UAE later to continue my education, earned a bachelor degree in Civil Engineering and then moved here. I’m currently a second year master’s student few months away from graduation. For me though, the journey’s only getting started. Being a Graduate Research Assistant at the Transportation Research Group here at Wayne state is no accident. I’ve always been passionate about academia and research,
more specifically, in the field of Transportation Engineering and for that very reason; I’ll be pursuing a Ph.D when I graduate and ultimately become an academic where I hope I’d do my fair share of research and tutoring future engineers. I think being a part of Tau Beta Pi is going to be a fun and memorable experience and I’m looking forward to it.

Eric Kim - BME PhD Candidate

Eric Kim received his bachelor's of science in biomedical engineering in 2007 from Vanderbilt University in Nashville, TN. He was admitted to the MD/PhD dual degree program at Wayne State University in 2009. In 2011, he completed his first two years of class work in the medical school and passed the USMLE Step 1 exam. Currently, he is working on the PhD phase of the program as a graduate research assistant with the BME department in the lab of Dr Yong Xu. His dissertation will cover the development and testing of MEMS neural probes for use in electrophysiology studies. He plans to complete his PhD in December 2015, and return to the medical school for his clinical training to complete his MD in December 2017. His interests are in clinical practice in internal medicine, and the development of medical MEMS devices for use in basic science, clinical screening/diagnosis, and patient treatment.

Matthew Melucci – ChE Junior

Matthew Melucci is a Junior year student at Wayne State majoring in chemical engineering. He lives in Clinton Township, just north of Detroit. When he's not hitting the books, he enjoys a slew of activities. While he played baseball for countless years as a younger kid, he now greatly enjoys bicycling, skiing and reading good literature. He also hopes to finally have enough time this summer to learn piano, which has remained a longstanding goal of his. Aside from this, he listens to a wide variety of music and is always excited to try new things; as such he hopes to study abroad this summer.
Caroline Mueller – ChE Junior

My name is Caroline Mueller and I am a junior studying Chemical Engineering focusing on product and process. I am the Secretary for the Society of Women Engineers, Vice President of the Women’s Club Soccer team, and the Treasurer of Women’s Club Lacrosse team. I live in an apartment on campus and absolutely love the Detroit atmosphere. I love to snowboard, spend time on my boat, and my favorite color is orange. My dream job is to work at Crayola creating and testing crayons.

Bijal Patel – BME Sophomore

My name is Bijal Patel. I am part of the Biomedical Engineering program class of 2016. I do not know what I want to pursue for the future but I am considering either medical school or optometry school right now. I have never been snowboarding but I would like to go one day as well as learn to speak French fluently. I enjoy riding my bike and kayaking in the summer.
Genna Peltier – BME Sophomore

Hi, my name is Genna Peltier and I'm a second year Biomedical Honors Engineering student. I'm the Secretary for the Biomedical Engineering Society and the Property Coordinator for Alpha Gamma Delta Sorority. My career aspiration is to one day work with neuroprosthetics research and product development. I have a very bubbly personality and something funny about me is that I bawl my eyes out when I laugh really hard.

Manan Trivedi – ME Graduate

My name is Manan Trivedi and I am currently pursuing master degree in mechanical engineering at Wayne State University. I have attained bachelor degrees in Mechanical Engineering and Mathematics from Wayne State University. Current, I am working on two research projects: to control an autonomous marine surface vessel and develop the algorithm for universal Reynold’s Equations.

Colin Weir – ME Junior

I am a third-year mechanical engineering student. I am the Vice President of the Wayne State chapter of the American Society of Mechanical Engineers (ASME). I am also an Engineering Student Ambassador, a member of the Wayne State Ballroom Dancing Student Organization, the founder and president of the Detroit Dragons Quidditch team, and active in Christians on Campus. All of these activities as well as the many other events put on through the university and around Detroit have made my experience at WSU incredible.
Comics & Games
A little fun to take the edge off. Unless you don’t like Sudoku puzzles, then I don’t know what to tell you.
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Content sources
http://memecrunch.com/meme/2PG3T/this-is-where-i-would-put-my-bent-submissions
http://xkcd.com/1342/
http://xkcd.com/1224/
http://www.websudoku.com/

Answers

Note from the editor: If you are dissatisfied with the content of this publication complaints are accepted in the form of material for the following issue.