President’s Message—October 2009

Dear Engineering Family,

Here it is! The second issue of the ESFB Newsletter! Thank you to all of who read the first issue and responded with very positive feedback. Unfortunately, we still do not have that catchy name yet, so send us your suggestions. In addition, if you would like to contribute an article or even better, be the editor-in-chief of this newsletter email us! I would like to welcome our newest staff member, Rebecca Thoppiel, a chemical engineering student.

I hope you enjoy reading this issue! All comment/suggestions can be forwarded to: ametlli@gmail.com

Sincerely,
Vanda Ametlli
ESFB President

Meet the Freshmen Class — Jerrell Mitchell

As far back as I can remember I always wanted to be an engineer. The main influence on me pursuing engineering is my father. As an engineer my father always told me about the versatility that comes within this field of research and study. After researching the many different components of engineering in high school, I found that this was the best field of study for my abilities.

On June 8, 2009, I graduated from Cass Technical High School with the honors of cum laude

Continued on Page 2
Meet The Freshmen Class—Continued

At Cass Tech I developed my skills as an engineering student by excelling in three engineering and manufacturing courses that dealt heavily with AutoCad and drafting. In high school I also was an active member of the "Business Professionals of America" student organization. In my first year as an active member of the organization I placed as state finalist in the "Human Resource Management" category.

Wayne State University is the only institution that is right for me. I have many reasons for why I chose to continue my education here, but the main reason is my history with this school. As a child, I attended Saturday morning art classes in the Art Building which have helped me to this day by enriching my creativity as an engineering major. In my future years in the College of Engineering I hope to become more active in student organizations as I study Industrial and Manufacturing Engineering.

ESFB 1ST ANNUAL LEADERSHIP SUMMIT

On October 10th, 2009, 15 students leaders gave up some of their studying to attend the 1st Annual ESFB Leadership Summit. The goal of this event was to promote collaboration within Engineering Organizations and provide student leaders with resource to be better leaders not only now but also in their career. The event began with an ice-breaker that truly broke the ice! Finding 5 things you have in common with classmates is not as it sounds. The first speaker was Laura Pechta, a staff member from the Dean of Students Office. Her presentation focused on the present, which is how to lead a student organization effectively. The keynote speaker, a fellow from the "Engineering Society of Detroit", Michael Cooper, presentation focused on the future. Mr. Cooper's presentation, as quoted by a Mechanical Engineering Student, Eric Gingrich was "one of the best presentations I have attended". The event wrapped up with a discussion on planning for celebration of National Engineers Week.
Every year, ESFB holds a “Town Hall Meeting” with the Dean of the College. This year, the town hall meeting was held over two ESFB Meetings. The turnout on both dates was great as students gathered to hear the vision of the College as presented by Dean Usmen and to have their concerns addressed. Dean Usmen started the meeting by presenting his vision of the College of Engineering with detailed initiatives for each strategic objective. The College and its administration major focus is to address these five main priorities:

1. Enrollment (Graduate & Undergraduate Level)
2. Increasing Research Productivity
3. Maintain Full Accreditation with ABET
4. Improve College Climate
5. Resource Allocation in accordance with four priorities

Many questions asked by students were about the professional development of faculty members. In addition, many students were concerned about the dependence of adjunct faculty to teach undergraduate courses. Many of the questions addressed from students from the town hall meeting had the common theme of “academics”. Dean Usmen answered all questions and assured students that he would follow-up with their concerns.

Meeting minutes for the Town Hall Meeting can be found under:
www.eng.wayne.edu—> Student Organizations—> ESFB—> Current Minutes—>

10-28-09 and 09-30-09
Theta Tau Professional Engineering Fraternity is the nation’s oldest and largest professional engineering fraternity. Our purpose is to develop and maintain a high standard of professional interest among its members, and to unite them in a strong bond of fraternal fellowship. This essentially means that we strive to maintain a high interest in the engineering field, retain an image of professionalism, and create lifelong connections and networks with our members.

On Wayne State’s campus since 1951, we are open to all students, undergraduate and graduate, in all fields of engineering. We currently have twenty active student members and growing, covering four engineering disciplines, and a local alumni association of nearly 500 men and women. Nationally, over 30,000 members have graduated and are currently working in, or retired from, the engineering field. We all work to help each other professionally and scholastically, as well as helping others on campus and in Detroit.

Over the past year we have held many professional and philanthropy events, the most successful being our fundraisers for breast and testicular cancer. We held fundraisers to donate money to the Susan G. Komen Foundation and the Sean Kimmerling Foundation. Each event attracted over 200 people and we rose over $1,100 between both groups. On a more local level, we have volunteered with Recycle Detroit on many occasions. We helped collect recyclables at the yearly Cass Corridor festival, Dally in the Alley, and helped plant trees in local neighborhoods. In keeping with our purpose of professionalism, we have hosted tutoring sessions in the Undergraduate Library, as well as resume and interview workshops, where participants can sharpen their skills to help land a job. In the coming months, we plan on participating in a AIDS awareness event, where we would donate and help sort toiletries donated to members of poor families diagnosed with HIV or AIDS, as well as volunteering at a local soup kitchen.

Remembering that there may be people who don’t know who we are, we have strengthened our presence on campus. In the past year, we have passed out lemonade and hot dogs in the Fall semester and hot chocolate in the winter, held a Haunted House and adjacent after event to help people take their minds off school for a while, and will be hosting a Thanksgiving event the day before break.

All of our events help to instill our purpose into our members, and of course have a fun time doing it. We have a house located six blocks South of campus at 478 W Alexandrine. If you would like any more information about Theta Tau, or would even like to join, you can stop by our house or call us at (313)638-1145.

For more information visit:
www.eng.wayne.edu /videocontest.pdf

A group shot of the chapter wearing ribbons made for the Sean Kimmerling Foundation for Testicular Cancer Awareness Fundraiser
College of Engineering Night of the Stars

"Night of the Stars" took place Saturday, October 3, 2009. This event each year honors its newest members into the prestigious "Hall of Fame". The 2009 alumni inducted this year, were Dr. Tapan Datta, Suhada Jayasuriya, George Karmo, Paul Strauss, Sang -Kee Suh and Raymond Tessier. The event which opened with a welcome by Dean Usmen, was followed by a speech by President Noren. A special tribute was made to Dean Emeritus, Ralph Kummler.

Join a Student Organization!  
www.eng.wayne.edu/studentorgs

American Institute of Chemical Engineers  
aiche@eng.wayne.edu

Engineering Graduate Student Association  
egsa@eng.wayne.edu

Society of Automotive Engineers  
warrioracing@eng.wayne.edu

American Society of Civil Engineers  
asce@eng.wayne.edu

Engineering Student Faculty Board  
esfb@eng.wayne.edu

Society of Hispanic and Professional Engineers  
shpe@eng.wayne.edu

American Society of Mechanical Engineers  
asme@eng.wayne.edu

Intelligent Ground Vehicle Competition  
ingvc@eng.wayne.edu

Society of Women Engineers  
swe@eng.wayne.edu

Biomedical Engineering Society  
bmes@eng.wayne.edu

Institute of Industrial Engineers  
ilie@eng.wayne.edu

Tau Beta Pi (Engineering Honor Society)  
tbp@eng.wayne.edu

Collegiate Entrepreneurs’ Organization  
ceo@eng.wayne.edu

Institute of Electrical & Electronics Engineers  
ieee@eng.wayne.edu

Theta Tau (Engineering Professional Fraternity)  
thetatau@eng.wayne.edu
When fall semester comes rolling around and we must once again hit the books, many of the students of our College of Engineering can often be found hacking away at their laptops or TI-83s; however, once in a while they take the much-needed time out of their busy schedules to have some fun and relax – the engineering way, that is! This past year, there have been several conferences that student organizations in our college have had the opportunity to attend. Students from SWE, SHPE, IIE, IEEE, TBP and CEO spent a few days to travel and participate in some of the national/regional conferences that took place.

Let’s begin with ladies first, as they say. SWE had their national conference from October 14th to the 18th in Long Beach, California. The annual conference is one that gives women engineers from across the nation and world an opportunity to gather together for seminars, activities and networking. Wayne State’s Kelly Foster and Krystle Laja represented our college at the conference. What marks this year as a very memorable one, is that it is the SWE organization’s 60th anniversary, and the 35th anniversary of our WSU section! So imagine how special it was when WSU was honored with the Outstanding Collegiate Section – Silver Award at this year’s conference! When asked about the impressive achievement, President Kelly Foster said, “This was our first national award and a great way of celebrating our anniversary!” Way to go, girls!

From May 30th to June 3rd, IIE’s national conference took place in Miami. Five students represented Wayne State at the conference, and one of them – Dave Lanier, who was the Regional winner of the 2009 IIE Undergraduate Student Technical Paper Competition, actually had the opportunity to present his paper on “Improving the Utilization of Operating Rooms in the Surgical Unit”. Lanier received an Honorable Mention at the event. Also, one of our own Industrial and Manufacturing professors, Celestine Aguwa, was a conference speaker. The students who attended were able to attend keynote presentations, an exhibit fair, several student receptions, and network with other people in their discipline. They also met several WSU graduates who are now a part of such companies as Boeing and UPS.

The SHPE national conference occurred in our nation’s capital, Washington D.C, from October 28th through the 1st of November. The conference provided students with an opportunity to attend workshops as well as a career expo. Key speakers at the conference included President Obama’s cabinet members: Secretary of Labor Hilda Solis and Secretary of the Interior Ken Salazar, along with other top scientists and engineers. Gabriela Diaz, WSU’s SHPE Chapter president commented that, “although SHPE stands for the Society of Hispanic Professional Engineers, the people who attended were from all different types of religious and ethnic backgrounds.” She went on to say that, “Beyond the benefits of networking, the career expo was an excellent opportunity to come back with jobs and internships. The 2009 SHPE conference provided something productive 24 hours a day everyday.” The group from WSU roomed with students from Southern Polytechnic State University in Georgia and San Diego State University in California – a great opportunity to meet new people and network there as well. The students were even able to visit some of the monuments during their free time, and thoroughly enjoyed their experience.

Along with national conferences, there were a few regional conferences as well. IEEE had their Region 4 conference only a few weekends ago, on November 14th. Two students – President Lovepreet Kaur and Treasurer Era Raizada – travelled to Iowa in order to attend a leadership workshop, only one part of a two part workshop and ethics competition event. The students who attended from Region 4 (which is mainly made up of states in the central US), met with Dr. Don Zingar, the chair of Region 4 who spoke about the importance of various leadership positions within the college sections of the organization.
Conference Review Continued

organization – emphasizing that leadership is not just limited to basic positions, but more complex ones as well. This led to our student branch’s idea that a Corresponding Secretary position is necessary within the org here at Wayne State. The leadership workshop helped the students to think about various methods of funding, as well as helped to define Region 4 is really all about. The workshop allowed the students to meet and interact within one another within the Region 4 area, and at the end certificates were presented to all the participants.

Laughs for Engineers
“Five Surgeons”

Five surgeons were taking a coffee break and were discussing their work. The first said, "I think accountants are the easiest to operate on. You open them up and everything inside is numbered." The second said, "I think librarians are the easiest to operate on. You open them up and everything inside is in alphabetical order." The Third said, "I like to operate on electricians. You open them up and everything inside is color-coded." The fourth one said, "I like to operate on lawyers. They're heartless, spineless, gutless, and their heads and their butts are interchangeable." Fifth surgeon said, "I like Engineers...they always understand when you have a few parts left over at the end..."

Engineers Can Party Too!
-Halloween Party

Four engineering student organizations, ASME, IEEE, IEE and TBP united together to throw a Halloween Party/ Movie Night for their fellow classmates. The rainy weather did not stop about 40 students from attending this first annual event!
Do you enjoy writing?
Have you been involved in your student newspaper or yearbook staff?
Would you like to write about different happenings in the College and University?
Would you like to write about your favorite show, videogame, restaurant in Detroit?
Would you like to give us a better name than ESFB Newsletter?
Would you like to have your own Entertainment News Column?
Would you like to have your own column?!?!!

BECOME A STAFF WRITER FOR THE
ESFB NEWSLETTER!!!!!!!
WE’RE LOOKING FOR A WRITER
& AN EDITOR-IN-CHIEF

Contact: Vanda Ametlli
ESFB holds weekly meetings every Wednesday from 12:00 P.M-1:00 P.M in the Hall of Fame (1200 Engineering). These meetings are open to students (undergraduate & graduate), faculty and staff members. ESFB acts as the liaison between students and the college administration so bring any concerns to ESFB or contact us.

Student Council Concerns? Want to Join Student Council?
Contact Gil Poisson-- gil@wayne.edu
www.studentcouncil.wayne.edu

### Upcoming Events

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>IME Alumni Reception</td>
<td>Thursday, December 3rd</td>
<td>5:30 P.M -7:30 P.M</td>
<td>Manufacturing Building</td>
</tr>
<tr>
<td>ECE Town Hall Meeting</td>
<td>Thursday, December 3rd</td>
<td>12:00 P.M –1:30 P.M</td>
<td>Hall of Fame</td>
</tr>
<tr>
<td>TBP GBM #4</td>
<td>Friday, December 4th</td>
<td>5:00 P.M– 8:00 P.M</td>
<td>Hall of Fame</td>
</tr>
<tr>
<td>NOEL Night</td>
<td>Saturday, December 5th</td>
<td>5:00 P.M – 9:30 P.M</td>
<td>Midtown Detroit’s Cultural Center</td>
</tr>
<tr>
<td>Engineering Commencement</td>
<td>Sunday, December 13th</td>
<td>3:00 P.M</td>
<td>Matthaei Athletic Center</td>
</tr>
<tr>
<td>Order of Engineer</td>
<td>Sunday, December 13th</td>
<td>5:00 P.M</td>
<td>General Lectures</td>
</tr>
<tr>
<td>ECE Christmas Party</td>
<td>Monday, December 14th</td>
<td>12:00 P.M -2:00 P.M</td>
<td>ECE Corridor (3rd floor Eng.)</td>
</tr>
<tr>
<td>FIRST Robotics Kick-Off</td>
<td>Saturday, January 9th</td>
<td>9:00 A.M—12:00 P.M</td>
<td>Novi High School</td>
</tr>
</tbody>
</table>