

# Alumni Notes

## Tau Beta Pi Celebrates Semester Achievements

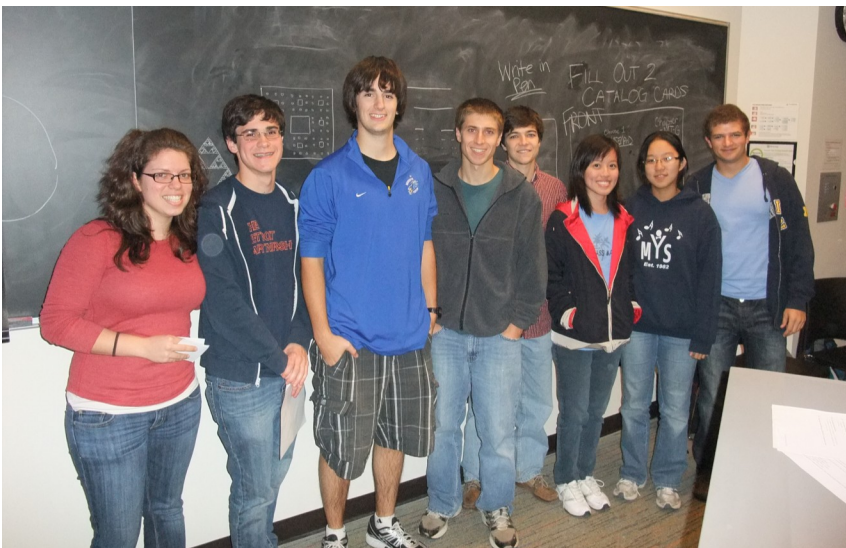
*by Yvan Boucher, Tau Beta Pi Graduate Student Advisor*

The semester came to an end with the Tau Beta Pi Initiation and Banquet held on Dec. 3rd, 2011. The festivities started with initiating 57 new members. For the first time in several semesters, all electees were able to attend the initiation ceremony and none were required to attend initiation at a different institution.

Following the initiation, everyone moved to Campus Inn for the banquet. We were honored with a lively speech by Barracuda Networks CEO and Founder Dean Drako. His speech was followed by the awards ceremony. This semester's awards winners are listed below. A list of all of those who elected, as well as a list of those who achieved Distinctive Active, are listed on the last page of the newsletter. The banquet ended with the traditional yell competition. In an upset, the newly elected defeated the previously elected—the previously elected attributed the loss to a deficit in numbers as they were significantly outnumbered due to the large fall electee class.



*Above:* The fall 2011 electee class along with several of the fall 2011 Officers.



*Above:* Outstanding electee group "Wookies in Space".

*Right:* Outstanding electee Marc Biondo

### **Tau Beta Pi Semester Awards:**

Outstanding active: Chris McMullen

Outstanding officer: Michele Mastria

Outstanding electee: Marc Biondo

Outstanding sports: Mike Hand

Outstanding electee group: Wookies in Space





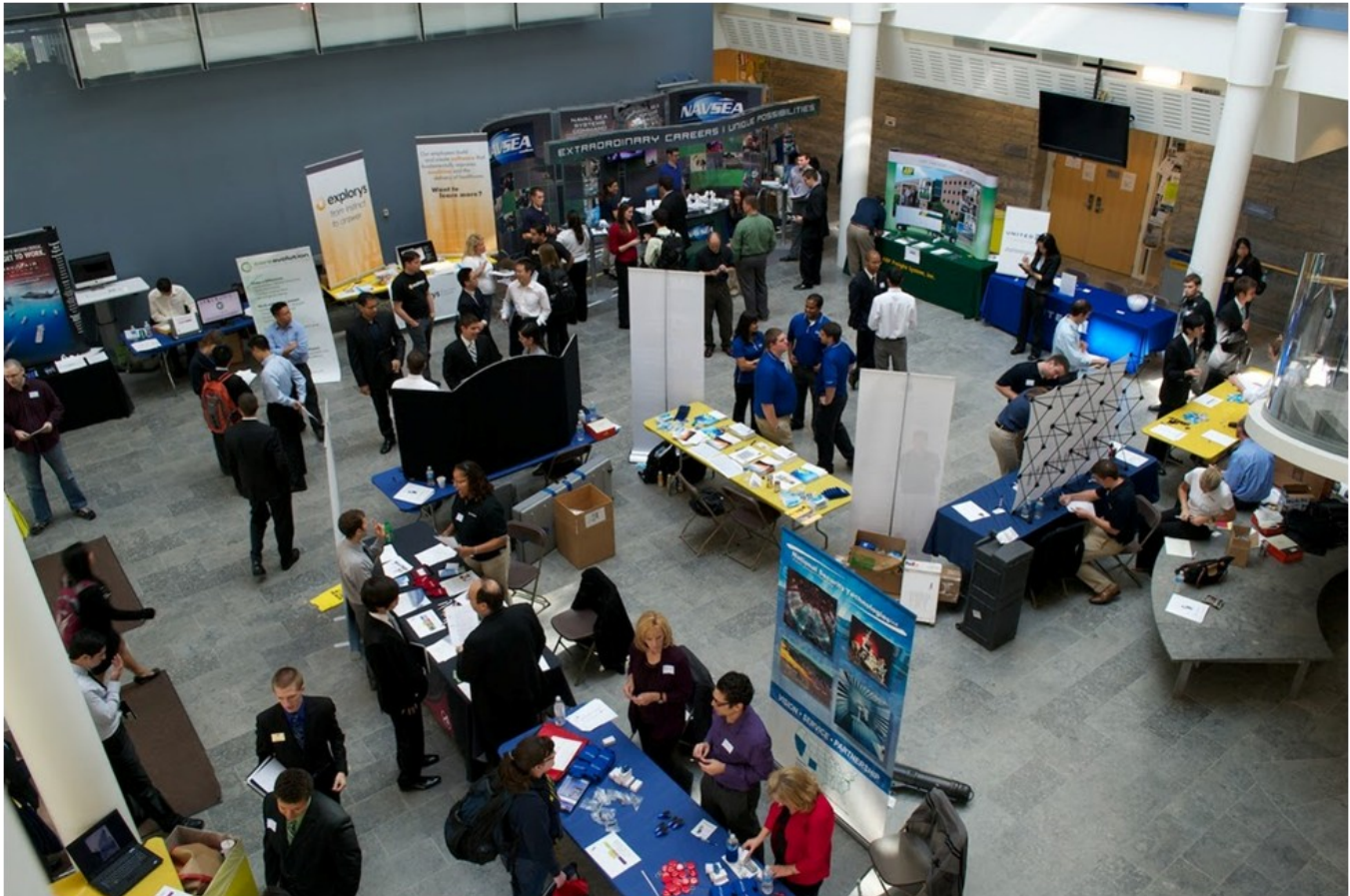
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# SWE/TBP Career Fair 2011

*by Mike Hand, Tau Beta Pi External Vice-President*

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This fall brought with it the largest ever SWE/TBP Career Fair. Started in 1985 as a collaborative effort between the Society of Women Engineers and Tau Beta Pi, the Career Fair has grown considerably in its many years of serving the College of Engineering and its students. This year a record number of over 290 companies registered to attend. This sudden increase in registration required new locations to be used, and previous locations to be modified. The CSE building (shown below) was given a new floor plan to allow for more companies.



**Figure 1: A record number of companies required reworking table locations**

Bringing in companies big and small has been central to the mission of the Career Fair ever since its inception. Students can find employment opportunities with companies as large as Walmart or as small as LectureTools (an Ann Arbor company with a full-time staff of seven). With over 290 companies and an estimated 3000 students in attendance, this year's Career Fair proved to be very successful.

Career Fair planning and preparation begins with feedback and focus sessions around October or November of the previous year, and begins in earnest in January. The Directors are selected and transitioned by the end of each Fall Semester. Chairs are selected in February. This year's full team consisted of 4 Directors and 23 Chairs. Chairs comprise committees that focus on tasks such as Directory creation, website upkeep, package sorting, parking, publicity, hospitality, receptions, and volunteers.

The success of the Career Fair is dependent on the volunteers that help out as part of SWE, TBP, or just to be of assistance. Having such a large personnel presence allows small issues to be dealt with quickly and larger issues to be dealt with flexibly and personally. That personal touch is very appreciated by companies and helps to differentiate us from other fairs.

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From our perspective, this has been the most successful career fair to date. The helpfulness and friendliness of all of the fair staff was terrific - well above the call of duty. We had a problem early on and your team really helped us solve it quickly and effectively. This is our first SWE/TBP career fair, but it will certainly not be our last.

-John, CareEvolution

Making every company feel welcome and appreciated requires dedicated chairs that are committed to running a successful Career Fair. Because the students that run the fair are some of its principle beneficiaries in terms of job opportunities, going above and beyond is just part of the routine.



Figure 2: Recruiters stayed busy screening potential candidates

The Career Fair is one of TBP's proudest traditions and one of our most successful events of the year. It allows us to give back to the College and student body and to make the University of Michigan, College of Engineering a better place.

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## MindSet

*by Sarang Supekar, Tau Beta Pi Graduate Student Advisor*

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The K-12 engineering-mathematics education program, MindSET, had its first module of the fall semester on October 15. About twenty Tau Beta Pi electees and actives worked with forty Ann Arbor/Ypsilanti area elementary school students on building Water-bottle rockets out of soda bottles, party hats, and pieces of cardboard. The students learnt the concept of force, types of forces, and Newton's laws of motion along with their implications in rocket design. The team with the most well-designed rocket was able to attain a stable trajectory and a range of 73 feet on a windy Saturday morning! The teams discussed their designs and explained their reasoning behind going with a certain nose cone and/or fin geometry. Some of the other modules planned for the fall are Bridges (properties of triangles) and Circuits (Boolean logic).





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# Congratulations Graduating Tau Bates

*by Yvan A. Boucher*

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With the end of the semester comes graduation, and we wanted to take a second to congratulate and thank the Tau Bates who have been heavily involved in Michigan Gamma over the past few years who are about to move on to the next stage in their careers.

Seth Johnson:

A former Graduate Student Coordinator and current Graduate Student Advisor defended his thesis on "Anisotropic Diffusion Approximations for Time-dependent Particle Transport". He is moving to Knoxville, TN, to take a position at ORNL as an R&D Staff Member in Monte Carlo Methods and Development.

Chloe Funkhouser:

A former Graduate Student Coordinator and Graduate Student Advisor defended her dissertation titled "Phase-Field Simulations of Multicomponent Lipid Membranes Coupling Composition with Deformation" in the BME department on April 20, 2011. She is currently working as a postdoctoral fellow at Northwestern University, where she studies elastic membranes such as the nuclear lamina in a computational materials science and engineering research group.



*Above: Seth Johnson  
Left: Chloe Funkhouser  
Far Left: Oliver Chen*

Graduating Officers:

Oliver Chen—Graduate Student Coordinator. He is graduating with a Master's Degree in Electrical Engineering. He is looking forward to getting paid at an unknown job sometime in the future. One of his goals for the following semester is to get DA status for yet another term.

Michael J. Hand III - External Vice President. He will be starting a Masters in Control Systems Engineering at the University of Michigan. He will also be serving as the Corporate Relations Officer for Mi-Gamma.

Rich Johnson - former Intersociety Chair. Next fall he'll be pursuing a PhD in Materials Science and Engineering at a university to be determined.

Josh Larson - Activities Chair. He will be working on Computational Linguistics in Chicago. Josh will also be acting as a chapter advisor for Mi-Gamma.

Patty McCormick - External Vice President. She will be spending 6 months in Granada, Spain after finishing her Materials Science and Engineering degree. After returning in July, she will be working as a Technology Analyst for Accenture.

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# TAU-BETA-PAINTBALL!

*by Nathan McKay, Tau Beta Pi Intersociety Chair*

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Last week members from Tau Beta Pi joined other Michigan Engineering students to fight on the battle fields of Hell Survivors Paintball Wonderland. For many of us this was a new experience, and we weren't all too good at it compared to some of the seasoned veterans who showed up. It's like playing a video game for the first time: you aren't quite sure how to accurately fire your gun, and you don't know the map! But welts aside, everyone had a really great time. We will certainly be planning this event again in the future.



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## Presenting the Winter 2012 Officers

*by Yvan Boucher, Tau Beta Pi Graduate Student Advisor*

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There was one change made to the officer positions for the Winter 2012 semester. It was voted unanimously to add a second K-12 Outreach Chair. This second chair will also serve a year long term, however it will be offset from the original position such that there is overlap and continuity in the position.

### Officers

President—Dan Becker (debecker)  
Vice-President—Kristin Graf (grafk)  
Secretary—Michele Mastria (mastria)  
External VP—Vicki Choe (vchoe) and  
Kevin Joseph (kevijose)  
Treasurer—Matthew Khoo (khoowx)  
Corporate Relations—Mike Hand (mikehand)  
Activities—Nathan McKay (ngmckay)  
Website—Arthur Shih (ajyshih)  
Service—Chris McMullen (cmcmull)  
New Initiatives—Samuel Dettling (samueldd)  
Campus Outreach—Ben Rothacker (benroth)  
Diversity and Leadership—Eeshan Kanpara (keeshan)  
Grad Coordinator—Devki Desai (devkides)  
K-12 Outreach—Carlos Pons Siepermann (carlpons) and  
Nathan Rowley (nrowley)  
Intersociety—Jon Gold (jmgold)  
Publicity—Ryan Chen (ryanchen) and Justine Kunz



### Advisors

Andy Boucher (yanders)  
Dan Kiefer (dkiefer)  
Josh Larson (jilarson)  
Elson Liu (eyliu)  
Pritpaul Mahal (pritpaul)  
Sarang Supekar (supekar)  
Paul Kominsky (paulko) (Chief Advisor)



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# Tau Beta Curling

by Yvan A. Boucher

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A group of 17 Tau Bates escaped from studying for their end of semester exams to head to Windsor, Ontario for a few hours of curling. What has become a yearly tradition, some newcomers joined several 'seasoned' curlers for some slip-sliding fun.



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## Congratulations Initiates and Distinguished Actives

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### Congratulations Fall 2011 Undergrad Initiates!

Arthur Shih	Mykola Kravchenko
Alex Yee	Karla Zoratti
Andrew Yates	Lanxin Liu
Austin Davis	Shannon Liu
Marc Biondo	Mark Wu
Philip Bunge	Michael Erickson
Donald Clark	Michael Boyd
Isabel Cosnahan	Matt Schmidt
James Depaul	Michael Sypniewski
Dominic Cincione	Natalie Eyke
Duncan Miller	Nicholas Montes
Eric Hung	Parth Patel
Erik Hand	Samuel Dettling
Gina McGauley	Sarah Clark
Matt Hartigan	Scott Mansfield
Jesiska Tandy	Shannon Pawloski
Jakob Hoellerbauer	Sarah Shrosbree
Jerry Hsiung	So-Hee Kang
Justin Paupore	Yuzhong Tan
Justine Kunz	Trevor Grigg
Kathleen Chou	Vicki Yu
Jeremy Kapala	William Beyer
Kendall Getts	William Josh Billingham
Matthew Khoo	Yangdi Zhou
Philippe Kirschen	

### Congratulations Fall 2011 Graduate Initiates!

Khalid Ahmed	Bhaskar Chaturvedi
Shyam Dwaraknath	Devki Desai
Tae Hyun Kim	Jihyun Cho
Venkatram Papakayala	Komal Kampasi

### DISTINGUISHED ACTIVES, Fall 2011

#### Thirteenth Term

Pritpaul Mahal

#### Eleventh Term

Elson Liu

#### Tenth Term

Yvan Boucher

#### Sixth Term

Oliver Chen

#### Fifth Term

Daniel Becker, Robert Andrew Mattingly, Yizeng Li

#### Fourth Term

Don Li, Jennifer Dolan, Michele Mastria, Mike Hand, Patty McCormick

#### Third Term

Dan Kiefer, Jesse Tzeng, Josh Larson, Kevin Shallcross, Nathan McKay, Nathan Rowley, Sarang Supekar

#### Second Term

Ben Rothacker, Devina Sanjaya, Ethan Wampler, Jon Gold, Kristin Graf, Kristi Wegener, Kevin Joseph, Kevin Lin, Maina Mitra, Nick Cobane, Ryan Chen, Mark Sprague

#### First Term

Ari Chivukula, Jason Lee, Carlos Pons Siepermann, Carrie Tamarelli, Christopher McMullen, David Martel, Hannah Denomme, Emily Carpenter, Emily Zumbrunnen, Jenn Jocz, Eeshan Khanpara, Marissa Lafata, Nicholas Clift, Rachael Harrington, Nathan Van Nortwick