ALPHA PI MU OUTSTANDING CHAPTER REPORT

Submitted by the	Virginia Tech			Chapter
Submitted for the year April 1,	2008	to March 31,	2009	_

This is the official form to submit for those chapters who wish to compete in the optional National Outstanding Chapter competition. Additional materials or an alternate application form will not be considered. This report should be <a href="mailto:email

EACH CHAPTER IS REQUIRED TO SUBMIT THE STANDARD ANNUAL REPORT FORM, REGARDLESS OF WHETHER OR NOT THIS OPTIONAL OUTSTANDING CHAPTER REPORT IS SUBMITTED. THE STANDARD ANNUAL REPORT FORM IS AVAILABLE ON THE NATIONAL WEBSITE AT http://www.alphapimu.net/.

The national outstanding chapter competition is based on an evaluation of the chapter's activities in three categories:

- 1. Chapter and University Activities (200 points)
- 2. Betterment of the Field of Industrial Engineering (100 points)
- 3. Betterment of the National Society (75 points)

Each documented activity may only be included in one of the three categories and the judges will assign a score using a sliding scale from zero to the maximum indicated for each category.

The first place winner in the national outstanding chapter competition will receive a large engraved plaque and smaller engraved plaques will be awarded for second through fifth place. All other competing chapters will receive an honorable mention certificate.

Dissemination Notice: The first and second place reports will be displayed on the Alpha Pi Mu website.

I. Chapter and University Activities (200 points)

This category includes activities which improve, advance or promote the development of the university, the local chapter and its students. Examples include, but are not limited to, local chapter meetings, pledge activities, initiation activities, administration of faculty/course evaluations, student mentoring activities, academic exhibits or projects and university service projects. Each activity (text and pictures) must be documented in a copy of the following one page form, an activity cannot be documented more than once each semester/quarter (a maximum of twice per year) and a maximum of twenty activities may be submitted.

Chapter and University Activities	3
Name of activity:	Free Donut Day sponsored by Deloitte
Date(s) of activity:	August 28, 2008
Number of members involved:	10
Number of students impacted:	40

Documentation of activity:

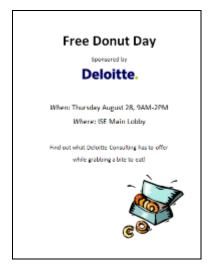
The Virginia Tech chapter of Alpha Pi Mu hosted a VT Donut Day, sponsored by the Deloitte Consulting Virginia Tech Recruiting Team. During this event Deloitte representatives met with ISE students interested in consulting and discussed with them potential job opportunities as well as answering any questions they had about consulting. Deloitte also handed out free donuts and materials on their firm and consulting. Alpha Pi Mu assisted Deloitte by hosting and advertising the event as well as creating the flyer and welcome banners shown below.



The Grado Department of Industrial & Systems Engineering and Alpha Pi Mu









Chapter and University Activities	3
Name of activity:	Montgomery County Humane Society
Date(s) of activity:	Fall 2008, Spring 2009
Number of members involved:	7
Number of students impacted:	15

One of the service project opportunities offered this year was volunteering at the Montgomery County Humane Society. Prospective members and current members alike went to the Humane Society at their convenience and played with the animals. One specific dog, named Joey, has been living at the shelter for almost four years. For animals like Joey, volunteers provide him with an opportunity to receive additional exercise and attention above and beyond what the employees at the shelter have time to provide him with. This no-kill shelter hosts many dogs and cats, and even a batch of new kittens was there during the fall. Students interacted with the animals either by walking the dogs or petting the cats which help makes the animals' stays at the shelter more enjoyable as the animals wait to be adopted.





Chapter and University Activities	
Name of activity:	Casino Night
Date(s) of activity:	September 12, 2008
Number of members involved:	10
Number of students impacted:	30

The Industrial and Systems Engineering department was honored to host a Casino Night for the Committee of 100. The Committee of 100 is made up of very distinguished Virginia Tech alumni. In the past year Alpha Pi Mu and Institute of Industrial Engineers (IIE) have hosted other casino nights, but on a smaller scale for faculty and students in the department. These prior Casino Nights have served as a great opportunity for students to socialize with other students and faculty members.

Since Casino Night was such a success in the past, the College of Engineering requested that Alpha Pi Mu and IIE host a Casino Night for the Committee of 100 as well. Student volunteers from both Alpha Pi Mu and IIE setup the event and also served as dealers for the different games. After the Committee of 100 finished their dinner, they took their chips and hit the tables. At the end of the night the alumni were able to cash their chips in for "money" which could then be used to purchase many different items that were being raffled off. Overall the event was a success as this was a wonderful opportunity for students, faculty, and alumni to interact.





Chapter and University Activities	S
Name of activity:	ISE Mentoring Program Bake Sale
Date(s) of activity:	November 4-5, 2008
Number of members involved:	14
Number of students impacted:	45

In order to raise funds needed for the ISE Mentoring Program that was established this year, the Virginia Tech Chapter of Alpha Pi Mu has been involved with a number of fundraisers. The fundraisers served a dual purpose of increasing the overall funds available to Alpha Pi Mu as well as providing a sense of unity amongst fellow members. The ISE Mentoring Program Bake Sale was used to raise funds for the mentor/mentee socials and an end-of-the-year social to commend the efforts of all involved in the ISE Mentoring Program. Alpha Pi Mu involved the entire department as a number of students and faculty brought in baked goods such as Rice Krispy treats, cupcakes, brownies, and cookies to be sold. During the event all the baked goods were sold in front of Sharkey's, a restaurant located in downtown Blacksburg, and also in Durham Hall the following day. Overall the bake sale raised over \$180 for the Mentoring Program.



Chapter and University Activities	
Name of activity:	Fall 2008 Initiation
Date(s) of activity:	November 12, 2007
Number of members involved:	10
Number of students impacted:	68

Last fall, the Virginia Tech chapter of Alpha Pi Mu initiated 22 new members. Students, faculty, staff, and even the departmental advisory board attended the ceremony. Since the advisory board was in attendance the initiation was a particularly special occasion for the entire department. To ensure the advisory board was present for the Alpha Pi Mu initiation and reception during their bi-annual visit, extra planning was needed to ensure the festivities were incorporated into the advisory board's agenda.

The reception after the initiation was held at the Squires University Student Center in room 341 and 345 where catered food from Kroger Grocery and refreshments were provided. At the reception new initiates were congratulated and greeted by current members, faculty, staff, and the advisory board—officially welcoming the initiates into the chapter, an ongoing tradition of Alpha Pi Mu. An icebreaker called "Who/What am I" was also incorporated into the evening's events primarily to provide an opportunity for the advisory to mingle with the students. The icebreaker divided everyone into groups and then afterwards a card was taped on everyone's back with the name of a famous person, cartoon, or location. Individuals could ask yes or no questions to the group in order to help them identify the card on their back.





Chapter and University Activities		
Name of activity:	General Assembly Meeting Fall 2008	
Date(s) of activity:	October 8, 2008	
Number of members involved:	20	
Number of students impacted:	90	

The Virginia Tech Chapter of Alpha Pi Mu held a fall General Assembly Meeting to encourage new initiates to join Alpha Pi Mu, promote upcoming events, and increase overall unity of the department. Preparing for the meeting required advertising (through flyers and emails), purchasing food and drinks, making a room reservation, and preparing the room on the day of the event. There were a number of members present, an enthusiastic group of prospective members, and even a few faculty members came to show their support for our chapter. At the meeting, prospective members had the opportunity to meet the officers and other members of Alpha Pi Mu. The prospective members also learned about the membership process, the application process, the required service event prior to initiation, and the chance to get the signatures from faculty and current members for their application. There were also a few faculty members to show support for our Chapter and new initiates.



Chapter and University Activities	3
Name of activity:	General Assembly Meeting Spring 2009
Date(s) of activity:	March 3, 2009
Number of members involved:	25
Number of students impacted:	90

The Virginia Tech Chapter of Alpha Pi Mu held a spring General Assembly Meeting to promote unity and plan for the remainder of the semester and for the upcoming year. At the meeting, prospective members had the opportunity to meet the officers and other current members of Alpha Pi Mu. The prospective members learned about the membership process, the required service event, the application process, and have the chance to get the signatures from the faculty and current members the application. The activities planned for the upcoming semester were discussed. Also, officer elections took place; each potential candidate spoke about themselves and how they would improve Alpha Pi Mu if selected for an office. Preparing for the meeting required advertising (through flyers and emails), purchasing food and drinks, making a room reservation and preparing the room for the event. This year the meeting was held in Durham Hall where a large group of members as well as an enthusiastic group of prospective members were present. There were also a few faculty members to show support for our chapter and new initiates.





Chapter and University Activities	3
Name of activity:	Alpha Pi Mu Website
Date(s) of activity:	Spring, Fall 2008 and Spring 2009
Number of members involved:	10
Number of students impacted:	90

Alpha Pi Mu has continued to maintain the organization website for current members, prospective members, and the general public. This website provides information about future event scheduled, pictures taken during various events, information on past events, and downloadable documents such as the application for the national Alpha Pi Mu Awards, the Outstanding Senior, and the Outstanding Junior Awards. Overall, the website allows current members to stay active in Alpha Pi Mu, prospective members to see what Alpha Pi Mu is all about, and the public to gain an understanding of Alpha Pi Mu's impact on the community. Specific additions to the website this year include a dedicated link for the newly formed Alpha Pi Mu created and sponsored departmental Mentoring Program.



Chapter and University Activities	3
Name of activity:	Spring 2009 Initiation
Date(s) of activity:	March 31, 2009
Number of members involved:	19
Number of students impacted:	90

This spring our chapter initiated nine new members into the Virginia Tech Chapter of Alpha Pi Mu. A number of students, faculty, staff, and friends attended the ceremony, and the majority of these individuals also attended the reception which followed the ceremony. The reception was held in Squires University Student Center and had catered food from Kroger Grocery. At the reception, new initiates were congratulated and greeted by current members and faculty (including the department head) and were officially welcomed into the chapter.







Chapter and University Activities	S
Name of activity:	The Big Event
Date(s) of activity:	April 5, 2008
Number of members involved:	20
Number of students impacted:	20

Started at Texas A&M in 1982, the Big Event has spread to almost 30 universities across the country. It is a day set aside for service projects to be completed by members of the university in their surrounding community. The Big Event at Virginia Tech is organized and run by the Student Government Association (SGA). This year, over 3500 students at Tech participated.

The Big Event started with mandatory registration for participants followed by a keynote speaker. After this, the participants dispersed to pre-assigned job sites with the necessary materials and supplies (provided by SGA). Examples of projects are: painting, washing windows, trash removal, digging and general cleaning. This program attempts to increase the sense of community amount students, faculty, staff and the towns that surround Virginia Tech. On April 5, 2008, current and prospective members of Alpha Pi Mu participated in the Big Event. The group was so large that it was split into two; one group went to a woman's house and performed various yard work activities, while the other went to a park and picked up trash and cut excessively long branches. Through this event, members of Alpha Pi Mu were able to interact and have fun, while helping the community of Blacksburg.



Chapter and University Activities	3
Name of activity:	ISE Annual Spring Fling
Date(s) of activity:	April 26, 2008
Number of members involved:	20
Number of students impacted:	50

The annual Spring Fling was held on a Saturday afternoon from 12-3pm at the house of an IIE officer. This event has been traditionally sponsored by Alpha Pi Mu and IIE and is held annually for the ISE department. Everyone in the department was invited to attend. The event included a barbeque cookout with free food, a variety of fun games including cornhole (shown below), and also offered a chance for Industrial and Systems Engineering students to spend time together one last time before everyone went their separate ways for the summer.

The Spring Fling serves several purposes. As with the other socials that Alpha Pi Mu sponsors for prospective initiates, it allows students and faculty to gather informally for an evening of fun. This serves to allow students and faculty to get to know each other better. Also at this event, the Alpha Pi Mu sponsored Paul E. Torgerson Outstanding Faculty Award and Outstanding Graduated Teaching Assistant Awards were presented to the winners. These awards are voted on by all undergraduate and graduate ISE students through an online survey organized by Alpha Pi Mu.





Chapter and University Activities	
Name of activity:	Constructive Curriculum Review
Date(s) of activity:	April, 2008
Number of members involved:	15
Number of students impacted:	40

The Virginia Tech chapter of Alpha Pi Mu hosts a constructive curriculum along with IIE every spring. The review's purpose is to allow students the opportunity to provide the department with their feedback, both positive and negative, on mandatory in-major classes, in-major electives, and outside electives that must be fulfilled to graduate with an Industrial Systems Engineering degree. The review is led by a student who introduces each class and then asks for the students' comments. The assistant department head then takes notes on all the student responses so the department can take them into consideration to better the Industrial and Systems Engineering curriculum. This review also betters ISE department as a whole because it allows students to adapt their learning experiences based on their interests, what is happening in industry, and their experiences. This also allows for constant updating of the curriculum so that it does not become out-of-date. This year, there was a very large turnout for the event, and a lot of good discussions were held. In addition to the opportunity to give feedback, free food was provided to the students in attendance.

Chapter and University Activities	
Name of activity:	Outstanding Junior and Senior Award
Date(s) of activity:	Spring 2008
Number of members involved:	13
Number of students impacted:	90

Each year, the Virginia Tech Alpha Pi Mu chapter presents the Robert P. Davis Outstanding Junior Award to a junior and the Robert D. Dryden Outstanding Senior award to a senior whose endeavors and accomplishments reflect the objectives of Alpha Pi Mu, namely scholarship and service to the department, the College, and the University. A panel of Industrial and Systems Engineering faculty selects the winner of this award from the applications received based on the following:

- Involvement in the Industrial and Systems Engineering Department
- Involvement in the University
- Academic achievement
- A resume

With the high caliber of students displaying exceptional leadership and academic excellence, the decision is always a difficult one to make. Every year the honoree is named at the ISE Spring Fling and presented with an official Alpha Pi Mu certificate. In addition the names of recipient and past recipients of the award are engraved on a plaque displayed in the Grado Department of Industrial and Systems Engineering main office.

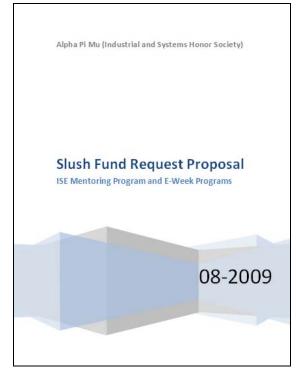
Congratulations to the 2008 Robert P. Davis Outstanding Junior, Kathryn Ledoux, and the 2008 Robert D. Dryden Outstanding Senior, Stephanie Boudeman and Meredith Winall, who have shown excellence in both academics and extracurricular involvement at Virginia Tech. Alpha Pi Mu hopes that this award will encourage all junior and senior students who are in the Industrial and Systems Engineering curriculum to seek and maintain excellence in all they do.





Chapter and University Activities	
Name of activity:	SEC Slush Fund Acquisition
Date(s) of activity:	Fall 2008
Number of members involved:	3
Number of students impacted:	50

To help fund the ISE Mentoring Program, the Virginia Tech Chapter of Alpha Pi Mu requested funds from the Student Engineers' Council (SEC), a collaboration of individual engineering students and representatives of societies from engineering organizations on campus. A few officers put together a proposal for the Mentoring Program as well as a presentation to present at the SEC general assembly meeting. Alpha Pi Mu was successful in procuring \$100 to aid in the Mentoring Program Kickoff, \$500 to front the purchase and sale of departmental t-shirts, as well as an additional \$100 for an end-of-the year social. This money was extremely helpful in getting the ISE Mentoring Program off the ground and Alpha Pi Mu is very grateful for SEC's support!

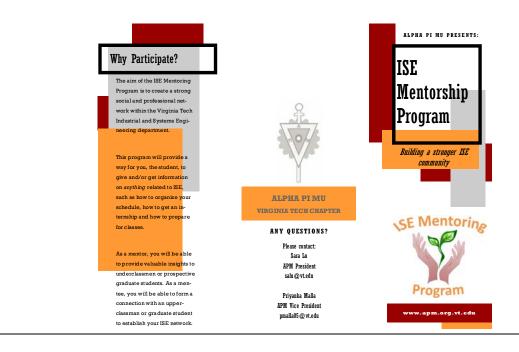




Chapter and University Activities	
Name of activity:	Mentoring Program Kickoff
Date(s) of activity:	February 17, 2009
Number of members involved:	30
Number of students impacted:	52

The Virginia Tech chapter of Alpha Pi Mu held a Mentoring Program Kickoff at the beginning of the spring semester. At this event there was a presentation directed towards both mentors and mentees about their responsibilities in the program. Afterwards the mentees and mentor matches were given a chance to meet their mentors. All of the participants were given a pack of M&M's and as an ice breaker each color of M&M corresponded to a question the mentor and mentee had to answer about themselves. This gave the pairs a chance to get to know each other better. This was a great opportunity for students to connect on a personal level, develop a meeting time, and chat about what they were looking for in the Mentoring Program and in Industrial and Systems Engineering.

In order to advertise for the program as well as the kickoff event, the officers made a flier that was displayed throughout campus and distributed via email. Additionally, the officers created an informational brochure (shown below) that discussed the benefits and different aspects of the program that will be used each semester to assist in recruiting mentors and mentees.



Chapter and University Activities	
Name of activity:	Mentoring Training Program
Date(s) of activity:	February 23, 2009
Number of members involved:	25
Number of students impacted:	50

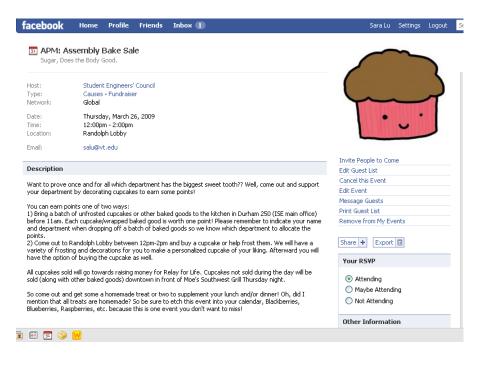
The Virginia Tech chapter of Alpha Pi Mu organized a mentoring training program for the newly established Industrial and Systems Engineering Mentoring Program. This training session included the prospective mentors of the program as well as the Undergraduate Advisor and the Associate Department Head. The session was designed to give the mentors a feel for how mentoring should be approached and provided helpful suggestions on how to work with your mentee. The mentors also participated in an activity where mentors worked in pairs to discuss their goals as mentors. Afterwards these goals were shared with the entire group. In addition, mentors were provided with a log to keep track of their interactions with their mentees as well as the slides from the presentation.

Although required for the mentors to attend, this training session provided pizza and refreshments to accommodate for any inconvenience. The event went very well and received a good response from the attended participants.



Chapter and University Activities	
Name of activity:	Relay for Life Bake Sale
Date(s) of activity:	March 26-27, 2008
Number of members involved:	13
Number of students impacted:	50

In order to raise funds needed for chapter operations, the Virginia Tech chapter of Alpha Pi Mu held a number of fundraisers. These fundraisers served a dual purpose of increasing the treasury as well as increasing member interaction and feeling of unity. This bake sale was particularly organized to raise funds towards our Relay for Life. More specifically, the funds raised would go to a Relay for Life company called Torgy's HokISE, named in honor of Dr. Paul Torgersen. To advertise for the event, flyers were posted across campus and a Facebook page was created (shown below). Various baked goods such as Rice Krispy treats, brownies, cookies, and cupcakes made by students and faculty from the College of Engineering were sold during the evening in front of Moe's Southwest Grill, located in downtown Blacksburg, and in Durham Hall the following day.



Chapter and University Activities	3
Name of activity:	ISE Relay for Life Company
Date(s) of activity:	April 24, 2009
Number of members involved:	30
Number of students impacted:	30

Relay for Life is the signature event for the American Cancer Society. It is held every year across the nation and unites almost 3.5 million people. Throughout the year, teams are formed all across America to participate in their local Relay for Life event. These teams fundraise the entire year to help in the fight against cancer. All of the money raised is donated to the American Cancer Society to fund the various cancer research programs and to fund the different services provided to current cancer patients. On the day of Relay for Life, all the local teams gather at a track or path and camp out over night to unite in the fight against cancer. For the past several years, Virginia Tech has also arranged Relay for Life at the Virginia Tech track. Virginia Tech will host Relay for Life this year on April 24, 2009 and for the first time, the event occurred on part of the Drillfield. The 2009 VT Relay for Life currently has 465 teams, which consists of 4,483 individuals, and the teams have raised over \$271,000 thus far.

Inspired by past involvement with Relay for Life, Alpha Pi Mu proposed uniting the three main ISE organizations: the Institute of Industrial Engineers (IIE), the ISE Ambassadors, and Alpha Pi Mu to form one Relay for Life team. With the overwhelming interest from the students, faculty, and staff, the team was transformed into a company named Torgy's HokISE. The team was named after distinguished faculty member and past Virginia Tech President Dr. Paul Torgersen, who fought throat cancer in 2008. The company consisted of two teams: Torgy's HokISE and Torgy's HokISE 2 with a total enrollment of 29 members. These members are students, faculty, staff, and one of the members is currently fighting cancer. As the teams were led by two Alpha Pi Mu officers, Alpha Pi Mu has been interacting with the other two organizations and has currently raised \$3,422.32.





Chapter and University Activities	
Name of activity:	ISE T-Shirt Sale
Date(s) of activity:	Spring 2009
Number of members involved:	10
Number of students impacted:	90

Alpha Pi Mu decided as a society to create, print, and sell t-Shirts promoting Alpha Pi Mu and the Industrial and Systems Engineering department at Virginia Tech. Alpha Pi Mu originally drafted acronyms to fit the majors' letters (ISE) and sent these suggestions out on surveys for the student body to vote on. The most popular saying returned by the Industrial and Systems Engineering student body was: *ISE – Inventing Society's Leaders*. With this saying in mind, Alpha Pi Mu also created and submitted to the Industrial and Systems Engineering student body a design for the T-Shirts. The following picture shown below is the final design created by Alpha Pi Mu.

After printing these shirts using a local shirt printing business, Alpha Pi Mu sold these shirts to students for roughly \$10 per shirt. This sale was used to generate funds for Alpha Pi Mu's Mentoring Program as well as to complete future events to benefit both the ISE department and the students' needs.



Chapter and University Activities	
Name of activity:	Retyping Ritual Books
Date(s) of activity:	September 1, 2008
Number of members involved:	1
Number of students impacted:	10

Every semester the Virginia Tech Chapter of Alpha Pi Mu initiates new members into the organization using the ritual books. The ritual books encompass details about the ceremony ranging from setup information to chapter installation information. Most importantly, the ritual books contain the script for sister/brother Alpha, Pi, Mu, and Gamma.

At the start of Fall 2008 semester, Alpha Pi Mu had the idea to retype the ritual books. There were several reasons for the retyping, such as, the previous version was written in all capital letters, which made it hard to read comfortably at the ceremony under the dim lighting needed for the ceremony. The ritual books were also getting old and some falling apart, so, new ritual books were needed. The vice president, as the person in charge of initiation, retyped the entire ritual book with appropriate formatting for an easy read. The result of this activity is shown below.

ALPHA: SROTHER/SISTER PI WILL NOW TELL YOU THE HISTORY AND SOME OF THE IDEALS OF OUR ORGANIZATION.

PE (Tum on Pilight) A JUST HONOR WAS NEEDED FOR THOSE PERSONS STUDYING IN INDUSTRIAL ENGINEERING AND WHO HAVE DEMONSTRATED ABILITY, SHOWN INITIATIVE, AND POSSES ADMIRABLE CHARACTER. AN ORGANIZATION WAS NEEDED TO ACT AS A STIMULUS TO THOSE WHO HAVE THE INTEREST, SINCERITY, AND ABILITY TO DRIVE THEM FORWARD TO GREATER ACHIEVEMENT IN SCHOLARSHIP AND LEADERSHIP. AN ORGANIZATION WAS ALSO NEEDED TO PROVIDE A COMMON GROUND ON WHICH THOSE OUTSTANDING MEN AND WOMEN COULD EXCHANGE IDEAS, LIEAD, AND ADVISE THE FUTURE UNDERGRADUATE MEMBERS. THIS ORGANIZATION WAS CALLED ALPHA PIMU. THE FOUNDING OF THIS ORGANIZATION WAS THE RESULT OF THE EFFORTS OF NINE GEORGIA TECH STUDENTS.

Old Ritual Book

ALPHA: Alpha Pi Mu extends you a warm wolcome. Soon you will learn the significance of our name and the demands our organization places on its members. You will learn how Alpha Pinha can ad you in the further development of those desirable qualities of mind and character for which you are already known...even as you, by joining with us, con further enhance the worth of our organization and help it toward the more complete achievement of its mission. (Plaus about three accords.) Brother/Sister PI will now tell you the history and some of the ideals of the consequence.

PI: (TURN OW PLICHT.) A just honor was needed for those persons \$tudying in industrial engineering and who have demonstrated ability, shown initiative, and possess admixable character. An organization was needed to act as a stimulus to those who have the interest, shoetify, and ability to drive them forward to greater activement in scholarship and leadership. An organization was also needed to provide a common ground on which those outstanding men and women could exchange ideas, lead, and advise the future undergraduate members. This organization was alled Alpha in two. The founding of this organization was the resulted the efforts of nine deepiga Tech students. (COMPINIOS)

New Ritual Book

II. Betterment of the Field of Industrial Engineering (100 points)

This category includes any chapter project or activity directed toward the betterment of the field of Industrial Engineering. Examples include, but are not limited to, student member publications in professional or technical journals, chapter recruitment of potential industrial engineering students and chapter community public relations projects. Each activity (text and pictures) must be documented in a copy of the following one page form, an activity cannot be documented more than once each semester/quarter (a maximum of twice per year) and a maximum of ten activities may be submitted.

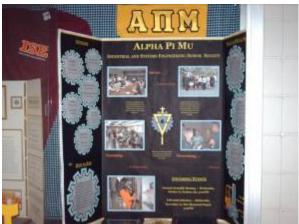
Betterment of the Field of Industrial Engineering	
Name of activity:	Alpha Pi Mu Display Case and Bulletin Board
Date(s) of activity:	Fall 2008
Number of members involved:	3

Documentation of activity:

Since Industrials and Systems Engineering at Virginia Tech is an accredited program, ABET makes a visit every six years so the department can be reevaluated. Since 2008 happened to be a year ABET visits Virginia Tech, many preparations were made around the department which included updating the Alpha Pi Mu display case and bulletin board.

The new display case and bulletin board were redesigned on Microsoft Publisher and were printed out on a large scale plotter. The outcome was impeccable especially the bulletin board because it was printed on glossy photo paper. Up-to-date information (dates, officers), recent pictures, and all current awards presented to the Virginia Tech chapter of Alpha Pi Mu are contained in the display case. In addition the display case also showcases various awards Alpha Pi Mu has won in the past. Both the display case and bulletin board give all faculty, students, and prospective students of the department some insight into the Alpha Pi Mu chapter at Virginia Tech.





Betterment of the Field of Industrial Engineering	
Name of activity:	IIE Mid Atlantic Regional Conference and Technical Paper Competition
Date(s) of activity:	February 5-9, 2009
Number of members involved:	8

The conference brought together 200-250 outgoing Industrial Engineering students to further their learning through plant tours, professional speakers, hands-on activities, and friendly competitions. The participating schools included Clemson University, East Carolina University, Morgan State University, North Carolina A&T, North Carolina State University, South Carolina State University, Tennessee Tech University, University of Tennessee-Chattanooga, University of Tennessee-Knoxville, Virginia Tech University, and West Virginia University.

One of the events that took place during the conference was the undergraduate technical paper competition. The purpose of the competition is to encourage undergraduate students to write and present outstanding technical papers. Papers can be projects done for a company as part of a course, or they may be undergraduate research projects done at the home institution. One of Virginia Tech's Alpha Pi Mu officers submitted and presented a paper on her research done during her summer research and ultimately won the competition. Now she will be competing in the International Undergraduate Paper Competition in Miami May 30-June 2.





Betterment of the Field of Industrial Engineering	
Name of activity:	ISE Mentoring Program
Date(s) of activity:	Fall and Spring 2009
Number of members involved:	52

The Virginia Tech chapter of Alpha Pi Mu has begun sponsoring a mentor program for students currently enrolled in the Grado Department of Industrial and Systems Engineering. The purpose is to increase social opportunities, develop new friendships, encourage exploration of academic interests, opportunities, and research, assist in developing expectations for classes, bring to light student organizations, and generate an understanding for employment opportunities both pre and post graduation.

Sophomores serve as mentees, supported by juniors or seniors as their mentors. Juniors can have a senior or a graduate student as a mentor depending on their personal academic goals. Seniors serve primarily as mentors, although those interested in graduate school are indeed paired with graduate students. The graduate students serve the role as mentors for undergraduates as well.

In order to ensure the quality and performance of the mentor/mentee relationships, several exercises were taken. Surveys were distributed to prospective members for each role gauging their interests and goals. Mentors and mentees were then matched accordingly based on ambitions. Through the Mentoring Program kick-off, the relationship's purpose and expectations were established.

Mentors are expect to abide by university regulations, be on time, model appropriate behavior and professionalism, handle situations for which he/she is qualified for, encourage mentee to become an integral part of the campus community, keep a log of all meetings, and evaluate the program.

In addition, mentees are expect to abide by university regulations, be on time, use mentors as continued resources for advice with an understanding that mentors do not have all the answers, and evaluate the semester.

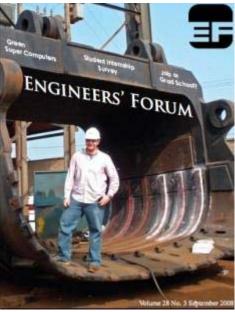


Betterment of the Field of Industrial Engineering	
Name of activity:	Engineering Forum Magazine
Date(s) of activity:	Spring, Fall 2008
Number of members involved:	2

The Engineers' Forum is a student-run, independent magazine at Virginia Tech. The Engineers' Forum publishes quarterly, with production costs covered by national and local advertising revenue, and has published over 100 magazines since its foundation. Student can easily find the magazines distributed across campus to learn the latest about various happenings, research, and accomplishments of the College of Engineering at Virginia Tech. In particular, the senior design projects of the senior Industrial and Systems Engineering students are one of the featured articles the magazines at the end of the spring semester.

The staff consists entirely of students which includes two members of the Virginia Tech Alpha Pi Mu chapter, one of which is the editor-in-chief. The organization's advisor is from Virginia Tech's College of Engineering.





Betterment of the Field of Industrial Engineering	
Name of activity:	Fall Engineering Open House Booth
Date(s) of activity:	October 13-14, 2008 and November 15-16, 2008
Number of members involved:	10

Engineering Open House is a college-wide event where the different engineering departments setup an informational booth for high school students. The aim of this event is to provide as much information as possible about the various fields of engineering provided at Virginia Tech, so, the students can begin to decide which field they might be interested in. If the student has already decided on an engineering field, then the event provides them with more information on their field of study and additionally, makes them aware of other engineering opportunities at Virginia Tech.

At the event, the high school students can come to the booths and talk to the representatives present to find more information about the engineering department they are representing. This year, the ISE Ambassadors, which includes many Alpha Pi Mu members and officers, represented the Grado Department of Industrial and Systems Engineering. Handing out flyers and talking to the students and their parents, the ambassadors were able to provide many with important information about the department and the opportunities presented in the program. Many had not heard of Industrial and Systems Engineering and were very intrigued with the program and opportunities available at Virginia Tech. So, through this event and with the Alpha Pi Mu representatives, we were able to spread the word of Industrial and Systems Engineering to others.



Betterment of the Field of Industrial Engineering	
Name of activity:	Freshman Information Session
Date(s) of activity:	Fall 2008
Number of members involved:	10

Members of the Virginia Tech chapter of Alpha Pi Mu spoke to freshman interested in pursuing a degree in Industrial and Systems Engineering at a freshman information session. Members presented their overall views of IE and why they chose to pursue it. They also discussed the opportunities and experiences that can be gained through internships and co-ops. They presented the current opportunities for study abroad and how our department is trying to make it more feasible for ISE students to study abroad and return with in-major credit. Finally, they discussed the student organizations in our major. Emphasis was placed on Alpha Pi Mu as an organization the students should strive to gain membership in. This betters the national organization by attracting students early so that they will work hard to gain membership when they are eligible.

Betterment of the Field of Industrial Engineering	
Name of activity:	ISE Town Hall Meeting
Date(s) of activity:	October 15, 2008
Number of members involved:	20

The Town Hall Meeting is an annual that provides an opportunity for the students and the faculty to interact. On a whole, the meeting provides the students and faculty with current news and activities in the department. It also includes current information about graduate school at Virginia Tech, especially in the Industrial and Systems Engineering discipline. Lastly, the Townhall provides means for the student to direct questions to the faculty and administrators present at the meeting and interact with other students.

The atmosphere is always positive and fun, and all attendees this year had a good time. To make the meeting more interactive and enjoyable, pop quiz style questions were asked that were centered on fun facts about the faculty. Students who guessed the answers correctly were given free prizes, such as ISE Frisbees and t-shirts, as well as additional door prizes were given away.





Betterment of the Field of Industrial Engineering	
Name of activity:	ISE Ambassadors
Date(s) of activity:	Spring, Fall 2008 and Spring 2009
Number of members involved:	10

The Industrial and Systems Engineering (ISE) Ambassador Program is a first-ever of its kind program in the College of Engineering at Virginia Tech. The mission of the program is to promote visibility and reputation of the ISE Department and College of Engineering through its ambassadors. The program hopes to bring a sense of pride amongst the students for the department and the College of Engineering. The ambassadors serve as the medium which bring the voices of all ISE students to the faculty, staff, and administrators of the department and vice versa. The ambassadors also serve as the means to spread information about the department and its programs and opportunities to those students that are not aware of Industrial and Systems Engineering. Additionally, the ambassadors serve as the role model for the rest of the ISE students and inspire them to achieve their personal and professional goals. The program also attempts to provide the ambassadors with an experience that will enable them to advance as future leaders within the department and leaders in their future careers as industrial engineers.

Keeping the above mission statement in mind, the ambassadors are split into four committees to focus on the various objectives as ambassadors of the department. The four committees are events/special projects, curriculum, recruiting, and documentation. Many Alpha Pi Mu members are in the program including four officers. This group has created the presentations for and run many departmental events and activities, including the ISE Town Hall Meeting and the Freshman Info Session. In addition two officers serve on the curriculum committee, which works in conjunction with the undergraduate curriculum committee of the department. The committee organized and led the department's focus groups, which were used to get direct, qualitative student feedback on the ISE undergraduate program. The information collected will be used to drive improvements to the undergraduate program.

Throughout the year, the ambassadors have worked on various events and activities to bring forth the name of Industrial and Systems Engineering and its applications in the world today. They have worked hard to improve the department and provide a connection between the students and the administrators. With the Alpha Pi Mu representation in the program, we were involved in many decisions affecting all students and the department as a whole.

Betterment of the Field of Industrial Engineering	
Name of activity:	Freshman Major Mixer
Date(s) of activity:	October 22, 2008
Number of members involved:	7

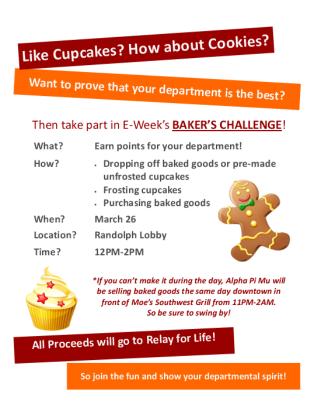
The Student Engineering Council hosts a Freshman Major Mixer every year during the fall semester. The Freshman Major Mixer invites current freshman engineering students to learn about the various engineering student organizations available to them. Even several design teams were present to instill the culture of design teams from very early in their college life.

In Fall 2008 semester, the Industrial and Systems Engineering department for the first time was represented at the event. Some of the Alpha Pi Mu officers and the new initiates for the fall were present at the event. The students talked about the wonderful opportunities available to the students in the Industrial and Systems Engineering department. Several of the freshmen had follow-up questions from the ISE Freshman Information Session held earlier that week and these questions were addressed at the event on a one-on-one basis. The event was lots of fun because it gave the officers and the new initiates the opportunity to interact and share their enthusiasm for ISE with the freshmen.



Betterment of the Field of Industrial Engineering	
Name of activity:	E-Week Cupcake Assembly Line Activity
Date(s) of activity:	March 26, 2008
Number of members involved:	16

This year, Alpha Pi Mu participated in Engineers' Week (E-Week), a college-wide event to share knowledge and spread enthusiasm for the engineering profession. The Virginia Tech chapter held a Cupcake Assembly Line event on the Thursday of E-Week. Members brought in plain cupcakes, frosting, sprinkles, and various other cupcake toppings. The cupcakes, frosting, and toppings were set-up in assembly line fashion. Students and professors stopped by and "worked on the assembly line" decorating cupcakes in a sequential fashion to earn points for their respective departments. Participants and passersby were also encouraged to purchase the decorated cupcakes. The baked goods not sold during the event were peddled at bake sales that evening and the following afternoon. All the proceeds went to Relay for Life. In all, the event raised over \$250 for the American Cancer Society.



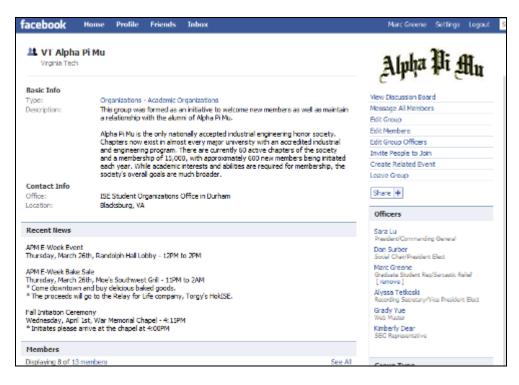
III. Betterment of the National Society (75 points)

This category includes any project or activity directed toward the betterment, advancement or improvement of Alpha Pi Mu at the national level. Examples include, but not limited to, chapter projects that aid Alpha Pi Mu in carrying out the functions of the national office, participation in the expansion of the society, promotion of Alpha Pi Mu to other professional and technical societies, and promotion of alumni relations. Each activity (text and pictures) must be documented in a copy of the following one page form, an activity cannot be documented more than once each semester/quarter (a maximum of twice per year) and a maximum of five activities may be submitted.

Betterment of the National Society	
Name of activity:	Alpha Pi Mu Face book Group
Date(s) of activity:	Spring 2009
Number of members involved:	90

Documentation of activity:

The Virginia Tech chapter of Alpha Pi Mu maintains a Facebook group for current alumni to maintain the cohesiveness of the organization and to promote a sense of community within the organization. This page gives members access to the current event schedule, pictures taken at various events, videos, and a discussion board and comment section that allows for members to voice their opinions. Overall, both current and past members can continue to stay active in Alpha Pi Mu through social networking. The page also allow for prospective members to gain a general feel for Alpha Pi Mu and identify individuals they can approach if they have any questions or concerns. Specific features include an officer list, which enables people to see and person's role within the organization and quickly contact them.



Betterment of the National Society	
Name of activity:	Five-Year-Out Panel
Date(s) of activity:	November 7, 2008
Number of members involved:	10
Number of students impacted:	25

A successful graduate currently attending Harvard Business School offered to come back and conduct a five-year-out panel along with two Ph.D. students currently at Virginia Tech. The intent of the panel was to address various paths students can take with an Industrial and Systems Engineering degree. Before the panel took place, flyers were printed and placed around Durham and Whittemore Hall to advertise for the event. Also the information was relayed to the undergraduate and Alpha Pi Mu listsery.

Pizza and refreshments were provided on the day of the event. The panel started out with the president asking generic questions to the panelists such as "Why did you decide to pursue a graduate degree?" and "What are recommendations you make to undergraduates now?" in which all the panelist would one-by-one answer the questions based on their own experience. After all the generic questions were asked, the audience had an opportunity to direct questions to either all the panelists or a specific panelist. Finally the night concluded with a round of applause for the panelists and the president presented gifts for the panelists who took their time to share their experience and opinions with the students at Virginia Tech.





Betterment of the National Society	
Name of activity:	Partnership with the Institute of Industrial Engineers
Date(s) of activity:	Spring, Fall 2008 and Spring 2009
Number of members involved:	25

Alpha Pi Mu has worked with IIE to plan the departmental Casino Nights, host the Core Curriculum Review (CCR), and organize a number of plant tours. Alpha Pi Mu has also jointly hosted speakers/company representatives and socials with IIE. This year, IIE also supported Alpha Pi Mu in establishing the ISE Mentoring Program and many IIE members are serving as mentors and mentees. In addition, three Alpha Pi Mu officers attended the IIE Student Regional Conference at Clemson, SC. Overall, through the joint relationship, Alpha Pi Mu is expanding its resources and developing more diverse opportunities for ISE students, while promoting both the department and the profession.





Betterment of the National Society	
Name of activity:	Partnership with the Student Government Association
Date(s) of activity:	Spring, Fall 2008 and Spring 2009
Number of members involved:	4

The Student Government Association (SGA) is the student governing body of Virginia Tech and is the largest student-run organization. SGA is comprised of Student House of Representatives, Student Senate, and the Student Executive body. The Student House of Representatives is the legislative body with student representatives from the various organizations on campus uniting to make important decision about the students. Each organization has a seat on the Student House of Representatives, including Alpha Pi Mu.

The House of Representatives has five committees representing various facets of student life. The goal of the committees is to track and take action on important topics that interests the entire student body. The five committees are student affairs, legislative action, undergraduate studies and policies, joint committee on diversity and multicultural affairs, and House/organizational development. These committees discuss and legislate on various topics concerning the students at Virginia Tech. Through open forums, issues are discussed and legislation is drafted, further discussed, and then passed to take action on those issues.

SGA Student House of Representatives provides a platform for a various diverse voices and opinions representing their respective organizations and representing the best-interest of the entire student-body at Virginia Tech. These voices combined provide a student perspective on various university policies and governances. With representation of Alpha Pi Mu in the Student House of Representatives, Alpha Pi Mu is able to influence the activities and decisions regarding the whole student body. Through this outlet, we are able to learn about other student organizations and their opinion while sharing information about Alpha Pi Mu and its mission towards the advancement and recognition of ISE at Virginia Tech. This year, we had an officer serve as the SGA representative to the Student House of Representatives.



Betterment of the National Society	
Name of activity:	Partnership with the Student Engineers' Council
Date(s) of activity:	Spring, Fall 2008 and Spring 2009
Number of members involved:	2

The Student Engineers' Council (SEC) is made up of representatives from all the engineering organizations and engineering disciplines. Meetings are held every other week to discuss different issues involving student engineers. Events organized by the SEC include the Engineering Expo career fair, Engineers' Week (E-Week), and the Engineering Leadership Conference. Another major function of the SEC includes giving away monetary awards to different societies or individuals to help promote engineering.

Alpha Pi Mu's representation at SEC meetings is important for several reasons. For one, it allows the Industrial and Systems Engineering department to be well represented. Additionally, Alpha Pi Mu used the SEC meetings as a means to promote and encourage other disciples to attend our events. This year, Alpha Pi Mu was represented at enough meetings to sustain voting rights in general elections and allocation of funds. This status also enabled the society to be eligible for funding. Membership in the SEC also ensures that Alpha Pi Mu members will have the latest news on events that involve student engineers. This academic year our SEC representative served Alpha Pi Mu well as our representative and aided in the procurement of funding and the greater involvement of Alpha Pi Mu with the College of Engineering.





IV. Faculty Advisor Endorsement Letter

The endorsement letter should be inserted immediately below this paragraph and indicate that the faculty advisor has read and approved this National Outstanding Chapter report.

April 13, 2009

Dr. Robert D. Dryden Alpha Pi Mu National Office P.O. Box 773 Portland, Oregon 97207 - 0773

Dear Dr. Dryden:

This letter is to certify that I have read and approved the annual report of the Virginia Polytechnic Institute and State University Chapter of Alpha Pi Mu. It reflects the efforts and activities of the chapter from April 1, 2008 to March 31, 2009. During the past year, the Virginia Tech Chapter of Alpha Pi Mu has continued its strong involvement in the Grado Department of Industrial and Systems Engineering, the College of Engineering, and the community. The officers and members provide leadership among our undergraduate students, represent our department in the ISE Town Hall Meeting, and welcome freshmen to the Freshmen Major Mixer.

One of the major initiatives of the year has been the establishment of a *Mentoring Program* for our department. The officers developed the program to facilitate seniors mentoring underclass students and graduate students mentoring seniors interested in graduate school. They also organized a mentoring training session, led by Dr. Eileen Van Aken. Approximately 50 students are participating in the first round of the program. At the end of the semester, they plan a social gather to request suggestions for further improvements for next year.

The officers also organized a *Five-Year-Out Panel Session* to provide insight on the diverse opportunities available for industrial engineers after graduation. The panel included a former undergraduate student in our department, who was an analyst at Accenture and is currently enrolled in the MBA program at Harvard. Two other Ph.D. students, with former professional experience, also participated in the panel two. The panelists provided great advice on interviewing for professional positions, weighing the benefits of graduate school, and professional experience,

Another unique project this year has been involvement in *Relay for Life*. Inspired by past involvement with Relay for Life the Alpha Pi Mu officers proposed uniting the three main ISE Undergraduate organizations: Institute of Industrial Engineers (IIE), ISE Ambassadors, and Alpha Pi Mu, into a Relay for Life Company composed of two teams. The teams are named after distinguished ISE Faculty member and past Virginia Tech President Dr. Paul Torgersen, who fought throat cancer in 2008. The teams, *Torgy's HokISE and Torgy's HokISE 2*, have a total enrollment of 29 members. As the teams were led by two Alpha Pi Mu officers, Alpha Pi Mu has been interacting with the other two organizations and has currently raised \$3,422.32.

The chapter also participated in *E-week* on campus to promote Industrial and Systems Engineering to a broader audience. They had a cup-cake assembly line activity to engage the participants.

The chapter coordinates the Outstanding Faculty, Outstanding Graduate Student, Outstanding Senior, and Outstanding Junior Awards in our department. The chapter also coordinates scholarship awards, through the national program. This year, Margaret Morrison was awarded the Imhoff Award.

The chapter has continued their involvement and service to the community. The members volunteered at the Montgomery County Humane Society, where they spent time with animals that are lonely. They also volunteered at the Big Event, a large community service event conducted by Virginia Tech students to benefit residents in the Blacksburg area. They also volunteered at the YMCA Craft Fair to support local artisans. With their already busy schedules, this level of community service is admirable.

The Chapter looks forward to expanding and continuing these activities next year. The Virginia Tech Chapter of Alpha Pi Mu is privileged and proud to submit this report.

Sincerely,

Kimberly Ellis, Ph.D.

Kimberly Ellis

APM Advisor