THE FIRST OF MANY MORE...

New E-Board Dynamics
SHPE'S EBOARD SUMMER LDC:
Read the details of how we structured this upcoming year during our Summer Leadership Development Conference @ Buffalo.

THE TRADITIONAL AND NON-TRADITIONAL EXPERIENCE:
Need to Focus on Your Career?
Are you in the Market for an internship in one of the following industries?
- CHEMICAL ENGINEERING
- MECHANICAL ENGINEERING
- ELECTRICAL ENGINEERING
- CIVIL ENGINEERING
- INDUSTRIAL ENGINEERING
WAIT...WHAT IF YOUR NOT AN ENGINEER? OR LATINO? WHAT IS THERE TO OFFER?
DON'T BE FooLED READ INSIDE...
DON'T SHORT HAND YOURSELF...
YOU'LL BE MISSING OUT ON A GREAT OPPORTUNITIES!

First Issue to Inside SHPE
Details for 2006-2007

ETCC 2006: PHILADELPHIA

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NTCC 2007 : DENVER, CO
Welcome all, once again to another returning year at the University at Buffalo. This year's Society of Hispanic Professional Engineers, UB chapter has line of new, improved and continuing programs and events for its members.

As most already, we are here to refine the professionalism is everyone, as well as adding a dash of flavor to the culturally unaware. However, lets us not forget the biggest objective, which is to promote Latinos and other represented peoples into the fields of engineering, science and technology, while always striving for professionalism.

This year we have initiated the first ever SHPE-UB magazine. The purpose of this is to give our members a continuous idea of what the structure for the upcoming year will posses. There are many projects ahead including the first ever SHPE Jr. Chapter at Grover Cleveland High School. As well as continuing our excellence in giving back to the community, and a strong declaration to our commitment to our chapter members' academic development.

This year’s e-board has spent the summer to revamp the SHPE-UB infrastructure so that we can yield the most efficient year, to our potential, this year.

**SHPE’s Mission Statement**

"SHPE is the leading social-technical organization whose primary function is to enhance and achieve the potential of Hispanics in engineering, math and science. We are brought together by heritage, social responsibility and desire to improve the equality of all people through the use of science and technology. We value excellence in education, professional pursuits and leadership. We gain excellence through integrity, empowerment,
Calendar of Events

September 8  “Intro Meeting”
September 15  “Intro to SHPE”
September 22  “Statistics of Latinos in Corporate America”
September 29  “Time Management/Study Skills”
October 6  “Internship Opportunities”
*October 13  “Resume/Cover Letter Workshop”
*October 20  “Fashion Do’s and Don’ts In Corporate America”
*November 2  “Starbucks Tasting”
*November 10  “Interview Workshop”
November 17  “Circuit Building Phase I”
December 1  “Circuit Building Phase II”

*“NTCC Development Workshop Series Competition for Free Ticket to NTCC
- All Dates Schedule To Change

Community Service

“Diabetes Walk”
September 6

“Making Strides Against Breast Cancer”
October 1

SHPE PRE COLLEGE INITIATIVE

SHPE-PCI CHAPTER

GROVER CLEVELAND

BEAM Program

“Saturdays”

UPCOMMING FALL EVENTS

“El Barbeque II”
September 3
“SHPE Feud Extravaganza”
October 8
“SHPE Bowling Tournament”
November 11

“SHPE Winter Night Skating”
December 2
“Member Appreciation Dinner”

MOOG
THE MONEY IN COMPETITIONS AT NATIONALS

NTCC 2006 HIGHLIGHTS

Technical Paper and Poster Competitions

For 10 years, the Technical Paper Competition and Poster Competition in the national competition, 11 finalists were chosen in both the graduate and undergraduate categories. In the poster competition, nine graduate finalists and 11 undergraduate finalists were selected. The honor and esteem of competing at NTCC was heightened by the fact that these finalists were chosen from a larger pool of 82 paper candidates and 41 poster candidates. The papers and posters were evaluated on originality, technical content, quality of presentation, significance of work, and neatness. A total of 68 judges were used to evaluate the papers. The grand prize winner received $1,000, and the second-place winner received $500. The winners were selected from 82 paper candidates and 41 poster candidates. The grand prize winner was selected from 82 paper candidates and 41 poster candidates. The grand prize winner was selected from 82 paper candidates and 41 poster candidates. The grand prize winner was selected from 82 paper candidates and 41 poster candidates.

The quality of the presentations was excellent, said Dr. Olivia Grove, competition chairwoman. All judges concurred that the competition was of the highest quality.

Undergraduate paper judges were: Kristi Wares (Intel), Rodrigo Molina (Intel), Richard Newell (Chevron), Edgar Luna (Clemson), and Paul Falcone (National Laboratory). Graduate paper judges were: Concepcion Jimenez-Gonzalez (Georgia Institute of Technology), and Frank Schumacher (University of Maryland)

Website Competition

This year, the Website Competition will allow students to use their technical knowledge and creative skills in designing websites that showcase their chapters' events and students in a way that is creative and unique. The competition will feature judges who will evaluate the websites on the basis of design, content, and functionality. The winners will receive cash prizes and recognition on the NTCC website.

The winners of the Website Competition will be announced at the NTCC 2006 Awards Banquet.

SHPE/NASA Academic Olympiad

The ultimate test of technical knowledge, teamwork, and speed, the 2006 SHPE/NASA Academic Olympiad brought additional challenges to the seven regional teams. The Jeopardy-style game quizzed students on a range of multidisciplinary subjects related to engineering, science, and math as well as SHPE and Hispanic trivia. Kaplan provided the questions for the regional events as well as the national competition. Unlike previous years, four members of SHPE's National Board of Directors participated in the first round and each successive round diminished the teams with lower scores. Corvallis University took first place second place went to Olympiad newcomer Boise State University.

NASA generously sponsored the competition, granting scholarships to the members of the top teams. First, second, and third-place winners each received $2,000, $1,000, and $500, respectively. NASA also awarded the winning chapters with large cash prizes that will be used to carry out their programs. The amounts were $2,000 to Cornell, $1,000 to BU, and $600 to UT.

In addition, Kaplan awarded each member of the first-place team with an overall FE/EIT exam material booklet that included all subject materials, questions, practice exams and solutions. Second- and third-place teams members received a similar subject booklet for the FE/EIT exam. Each of the 28 participants also received paid NTCC registration and a $100 travel stipend.

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YOUR EXECUTIVE BOARD 2006-2007

Anthony Rodriguez
Treasurer
Senior, 4th year student
Major: Management Information Systems
SHPE Experience: Technical Liaison "2004 - 2005"

I am a Dominican from the Bronx, NY. SHPE has been a part of my life through my whole college experience. This is my third year on the E-Board. I feel that I have learned so much from it. SHPE has basically took me from having no professional development to having a job. I am currently working for the IT department of the NYSCEDII. SHPE has grown so much in the past three years alone. This year will be one of SHPE UB's greatest.

My long term goal is to be working for IT in a huge corporation as a Director or Manager. That is were I will like to see myself 5 years from now. My personal goal is to finish of my college experience with a good knowledge of how things will be when I enter the corporate world. Thanks to this organization I can say I'm almost there.
YOUR EXECUTIVE BOARD 2006-2007

Giselle Contreras
I began my long life journey of success on March 11 1984. I was born into the most beautiful ethnicity ever, Puerto Rican, Dominican, and Honduran. I grew up in New York City then moved to Westchester County, which helped experience the dual facets of rural and urban environment. I chose to study at UB because of their proven educational programs and dedication to academic excellence. I am pursuing a double major in Geography and Political Science with concentration in International Business and relations. My goal is to focus on innovative ways to help underdeveloped, deprived countries. I hope to help improve their business by cultivating a stronger economic structure on the road to positive growth and development.

As you can tell my major is not related with engineer and you are probably asking why SHPE? Well, I ask you why not? SHPE is not like every other engineering club. It provides workshops that offer a better understanding of the business and engineer world. SHPE also provides great networking with the corporate sector and other chapters of their organization around the country. SHPE values excellence in education, professional pursuit and leadership. As Activities Coordinator, I will continue the success of my predecessors with facilitating successful SHPE events. With the help of my fellow colleagues, I plan to increase SHPE membership and participation in our events. I believe together we can continue SHPE’s endeavors of expanding knowledge to others and ourselves.

Patrizia Barbieri
I am currently a junior at UB. I am a business major with a concentration in finance, and a minor in Spanish. I will be serving as your 2006-2007 SHPE secretary. This is my second year as a member of SHPE, and I am glad to be part of this great organization. SHPE has exposed me to a lot of extraordinary people, opportunities, and has taught me great tools for success. I am honored to be serving you this year, and thank all of you who voted for me. I promise to give my all to SHPE, and will not let you down.

Arleen Reynoso
Corporate Liaison
Junior, 3rd year student
Major: Nursing & Psychology (Double major)
SHPE Experience: Secretary "2005- 2006"

SHPE is an organization unlike no other it promotes integrity and professionalism on a larger scale that is unmatched. I have been a part of SHPE for almost two years and I’m extremely proud to say that we are still going strong. Through SHPE I have developed a notion to be an advocate to my fellow community and have expanded my leadership abilities beyond my expectation. Alongside my terrific executive board we have form not only a business relationship but an everlasting bond that can only be identified as family. Nonetheless, what has made our executive board remain focus is our structure and the protocol we set upon ourselves.

Many would find the fact that I’m not an engineering major unusual because I’m part of an engineering based organization. But that is the beauty of SHPE, that regardless of my major or ethnic background I can still extract the necessary experience needed for the future while gaining a basic understanding of how to polish my skills in order to become a more professional as well as successful individual.

“To accomplish great things, we must not only act, but also dream; not only plan, but also believe”. Welcome to the 2006-2007 SHPE academic year we hope that together we can achieve our intended goals.

Eddie Ramos
Technical Liaison
Junior, 3rd year student
Major: Sociology, Human Resource Management
SHPE Experience: Member "2004- 2006"

The Society of Hispanic Professional Engineers has come a long way. With many improvements and with the newly elected E-Board of the 2006-2007 academic years, there is much more to come. As a member of SHPE, we have all grown a great respect for this organization and will strive to reach out and pursue quality Hispanic Engineers. However, our goals do not end there. The Buffalo-Chapter is setting out to make every year more successful than the last, the 2006-2007 academic years will be the best and most successful yet!

I currently work at the Intercultural and Diversity Center and Gap Inc. and see my future in Human Resources. As Technical Liaison of SHPE the doors continue to open. I have learned the importance of being a “professional” and continue to carry what SHPE has taught me beyond the organization. With SHPE’s large network of companies and sponsors, I see myself pursuing an internship in HR and hopefully lead to a
Career Center: Excellent careers for

**Audiologist.** Careers in which you help people, one-on-one, are rewarding, and the work environment is usually pleasant. Audiology is my favorite. Pay and prestige are excellent, and the job market will be strong because as baby boomers age, their hearing fades. And audiologists will be offering ever better hearing aids. The annoying conventional aids are being replaced by more pleasing computer-controlled ones. A final plus is that audiology is an under-the-radar career—few people consider it, so competition isn’t as keen as it deserves to be. One downside: Universities’ relentless push to keep more students longer is creating pressure to make audiology programs doctoral.

**To learn more**

**OOH profile:** www.blis.gov/ooco/ocos085.htm
American Academy of Audiology: www.audiology.org
Read: Survey of Audiology by David DeBonis

**Optometrist.** This is another one-on-one helping career that will serve the massive numbers of boomers. I like this career slightly less than audiologist because technological breakthroughs don’t seem as imminent.

**To learn more**

**OOH profile:** www.blis.gov/ooco/ocos073.htm
Association of Schools and Colleges of Optometry: www.opted.org

**Veterinarian.** Veterinary medicine offers substantial advantages over being a physician. You get to perform a wider range of procedures because in a number of specialties, board certification isn’t required. Plus, most veterinary medicine is fee for service, so you needn’t be bogged down with labyrinthine regulations and paperwork. One downside is that veterinary offices tend to be loud: lots of barking.

**To learn more**

**OOH profile:** www.blis.gov/ooco/ocos076.htm
American Veterinary Medicine Association: www.avma.org
Read: True Confessions of a Veterinarian by Gene Witiak

**Professor.** This career offers stimulating work, lots of autonomy, status, and the commanding confines of academe. The job market has been tight, but that should start to improve—there was a wealth of hiring in the 60s, and most of those professors are approaching retirement age. Long term, the job market should remain good because we’re in an era of degree proliferation: More students go on to college, and more adults return to school. Here are the drawbacks: Colleges, more than most organizations, like to hire people part time or on a temporary basis. Over 30 percent of faculty hold part-time positions, and that percentage is increasing. It’s ironic that universities decry the way management treats labor, yet when colleges hire, they assiduously try to avoid providing healthcare benefits and job security. Office politics can also be intense—in few workplaces is there as much conniving over so few resources. And finally, it’s dangerous to be politically incorrect. Harvard President Lawrence Summers finally, it’s dangerous to be politically incorrect. Harvard President Lawrence Summers

**To learn more**

**OOH profile:** www.blis.gov/ooco/ocos066.htm
American Association of University Professors: www.aaup.org

**Interview Etiquette**

**From Alison Doyle, Your Guide to Job Searching, FREE Newsletter. Sign Up Now!**

**Manners, Meals and Interviews**

Interviews are often stressful—even for job seekers who have interviewed many times. Interviewing can be even more stressful when you are expected to eat and talk at the same time. One of the reasons employers take job candidates out to lunch or dinner is to evaluate your social skills and to see if you can handle yourself gracefully under pressure. Dining with a prospective employer allows employers to review your communication and interpersonal skills, as well as your table manners, in a more relaxed (for them) environment. Table manners do matter. Good manners may give you the edge over another candidate, so, take some time to brush up your dining etiquette skills.

**Interview Dining Tips:**

- Are you really nervous? Check out the restaurant ahead of time. That way you’ll know exactly what’s on the menu, what you might want to order and where the rest rooms are located.
- Be polite. Remember to say "please" and "thank you" to your server as well as to your host.
- Is the table full of utensils? My British grandmother taught me an easy way to remember what to use when. Start at the outside and work your way in. Your salad fork will be on the far left, your entree fork will be next to it. Your dessert spoon and fork will be above your plate.
- Liquids are on the right, solids on the left. For example, your water glass will be on the right and your bread plate will be on the left.
- Put your napkin on your lap once everyone is seated.
- Remember what your mother spent years telling you - keep your elbows off the table, sit up straight and don’t talk with your mouth full!

**During the Meal:**

- Don’t order messy food - pasta with lots of sauce, chicken with bones, ribs, big sandwiches, and whole lobsters are all dangerous.
- Don’t order the most expensive entree on the menu.
- Do order food that is easy to cut into bite-size pieces.
- The polite way to eat soup is to spoon it away from you. There’s less chance of spilling in your lap that way too!
- Break your dinner roll into small pieces and eat it a piece at a time.
- If you need to leave the table, put your napkin on the seat or the arm of your chair.
- When you’ve finished eating, move your knife and fork to the “four o’clock” position so the server knows you’re done.
- Remember to try and relax, listen, and participate in the conversation.

**To Drink or Not to Drink:**

It’s wise not to drink alcohol during an interview. Interviewing is tough enough without adding alcohol to the mix.

**After the Meal:**

- Put your napkin on the table next to your plate.
- Let the prospective employer pick up the tab. The person who invited you will expect to pay both the bill and the tip.
- Remember to say “thank you.” Consider also following up with a thank you note.
SHPE NATIONAL Competitions

SHPE Olympiads

Technical Paper

Technical Poster

SHPE-UB Scholarships

Member of the Year

Most Active Member

Community Service

Most Supportive Member

Highest GPA

Most Improved GPA

New Member of the Year

Kodak

IBM

XEROX

Xerox

UB University at Buffalo

The State University of New York
The Society of Hispanic Professional Engineers would like to thank the following organization for their committed involvement as organizations sharing similar foundations. We also give thanks for their continual support for our organization and each other’s.

NATIONAL SOCIETY OF BLACK ENGINEERS
PODER: LATINOS UNIDOS
NAACP
LATIN AMERICAN STUDENT ASSOCIATION
ENGINEERING COUNCIL
STUDENT ASSOCIATION– UB