

**Date: Thursday
May 21, 2015**

Jagerhaus Restaurant
2525 E. Ball Rd.
Anaheim, CA 92806
714-520-9500

www.jagerhaus.net

**Registration: 5:30 PM
6:00 PM dinner &
presentation**

[Register Now!](#)



SPE Dinner Meeting

Effective Tool & Die Cleaning Technology

Keeping mold cavities clean is a major concern for molded metal, rubber and plastic product manufacturers in maintaining today's high quality standards and ensuring maximum productivity.

The build-up of unwanted surface residues from either the product mix itself, mold releases or the

labeling process can create a number of problems, ranging from product release ("knock out") to inferior product quality and possible damage to tools from overpacking and straining.

Today, most injection molding companies still clean their equipment by hand, opting to maintain their molds with wire brushes and wire wheels, sand-paper and chemical cleaners. These methods are time prohibitive

and dangerous to employees because they require employees to work in close proximity to hot metal surfaces and with potentially harmful solvents. Other companies have tried abrasive media blasting such as sand, beads and Teflon.

These methods can be messy and have a significant impact on production time. Dry ice micro-particles offer this alternative mold cleaning solution. Cleaning with them also can help improve quality, increase productivity and extend mold life.

Dry ice is the generic term for the solid phase of carbon dioxide (CO₂). Using it in a cleaning method is similar to sand blasting, but this media is non-abrasive and does not create secondary waste. All the dry ice used in the process



Continued on page 2

Advanced registration is requested. Register online at www.socalspe.org or complete the registration form and send by email socal.spe.news@socalspe.org or fax 909-625-2847



Pre-register online or with this form and save \$\$ (at door price \$45.00)

First name _____ Last name _____
Company _____
Address _____ City _____ Zip _____
Phone (____) _____ Email _____

SPE member	_____ x \$30.00	\$_____00
Non member	_____ x \$40.00	\$_____00
Student	_____ x \$10.00	\$_____00
Exhibitor	\$65.00	\$_____00
Tabletop display	Includes dinner	
	Total	\$_____00

Payment method: I will mail in a check _____ I will pay at the event _____ I will pay by credit card _____ Circle card type: MC Visa AmEx Discover

Make checks payable to SPE.

Mail to: Consultek c/o SPE Credit card # _____ Exp(mmyy) _____ Security Code _____

13933-J Ramona Ave.
Chino, CA 91710

Signature _____

SC# for MC, VISA & Discover is the 3 digit # on the right side of the signature strip on the card. On AmEx this is the 4 digit # on the front right corner.

Dinner Meeting

Continued from page 1

is recycled CO2 from other manufacturing processes. Mold cleaning with micro-particle dry ice is typically four to six times faster than traditional cleaning methods. It increases plant capacity by minimizing downtime, and because molds can be cleaned in the machine, it extends production runs. In addition to mold cleaning, micro-particle dry ice systems are also often used to deburr and deflash plastic parts. Benefits include; cleaning time reduction from 6-12 hours to one hour, Improve product quality, Reduce scrap, Reduce production downtime, Reduce, Clean in-place, no disassembly required, Non-abrasive, no damage to product or equipment, and more. Tyco Electronics estimated an investment return of 18-months and saw benefits immediately as the system paid for itself in just over one month.

SPEAKER. Anthony Valenta serves as Cold Jet's Regional Sales Manager for the South-western US with a customer install base of over 350 dry ice cleaning systems in California alone. Cold Jet has led the development of dry ice blasting and dry ice production technology which sets the standard for quality, performance and reliability.

With more than 25 years of experience dedicated to dry ice blasting technology, Cold Jet has unparalleled experience in developing and recommending dry ice solutions to match any need and has thousands of installed customers worldwide. Cold Jet's success has been the result of our superior technology, dedication to customer service and establishment of a global infrastructure for product support. Industries and companies worldwide (from Fortune 100 to sole proprietors) are setting the precedent for excellence and quality in their operations with Cold Jet's cutting edge design and innovation.

President's Message



Wow, I cannot believe our annual Golf for Plastics Education tournament is almost here. We are still looking for tee sponsorships. We have a dozen sponsors already. Start talking with your co-workers, customers and vendors. We are anticipating a great turnout. Of course we will have a table full of raffle prizes as always. The tournament will be held on Monday June 22. Take the opportunity to network amongst the Southern California Plastics Industry.

I was lucky enough this year to hand out checks for the Wonders of Plastic Essay contest we promote to High School Students. I think the Principals and the Teachers were just as proud as the students.

Before you know it we will be holding our annual Western Plastics Trade Fair at the Phoenix Club in Anaheim. The event is on the SoCalSPE.org website. This year we will be assigning the booths and table tops as the registration's come in. We will then have names of the exhibitors posted on the booth and tables so they can easily be found. If you want the prime locations, get your registration in now. We will call the exhibitors back to give them choices of locations based on the timing of their registration.

I look forward to seeing many of you in May at our next meeting.

Richard Hays

President



Apply Now! Scholarship Application Deadline May 1st

The SPE Foundation, an affiliate of the Society of Plastics Engineers (SPE), offers numerous scholarships to students who have demonstrated or expressed an interest in the plastic industry.

Applicants must be must be majoring in or taking courses that would be beneficial to a career in the plastics industry - including, but not limited to, plastics engineering, polymer science, chemistry, physics, chemical engineering, mechanical engineering, and industrial engineering. All applicants must be in

good standing with their colleges.

Applicants must complete a simple electronic application, and submit it to the SPE Foundation by May 1, 2015.

Do something today that your future self will thank you for—submit your [application](#) for the 2015-2016 SPE Foundation Scholarship Program! Questions? Contact: SPE Foundation
6 Berkshire Blvd., Suite 306
Bethel, CT 06801 USA
PH: +1 203.740.5457
Email: foundation@4spe.org

Pinnacle Award



So Cal Section Receives Pinnacle Award

The Pinnacle program was established in 2005 to recognize Sections and Divisions that successfully create and deliver member value during year. Sections and Divisions are reviewed in four categories of achievement: organization, technical programming, membership and communication. Two levels of achievement are possible: Silver and Gold.

So Cal SPE Section has earned this prestigious Pinnacle Gold award since the inception.

Society of Plastics Engineers

33rd Annual Golf Tournament for Plastics Education

Sierra La Verne Country Club

6300 Country Club Dr. La Verne, CA 91750 ph 909-596-2100 sierralavernecc.com

Monday, June 22, 2015

12:30PM Shotgun Start

(11:00AM check in)

scramble format



The Southern California Society of Plastics Engineers is proud to host its **33rd Annual Golf Tournament for Plastics Education.**

Golfers will enjoy our return to the exclusive Sierra Lavern Country Club. Located in the rolling foothills of the majestic San Gabriel Mountains the course offers a cool climate surrounded by great natural beauty.

Event proceeds help support the SoCal SPE education and scholarship programs.

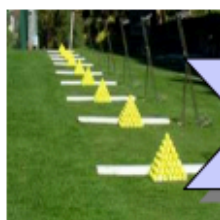
Join in after the tournament for the golf awards presentation and dinner (6:00PM)

SPE will also formally present the George Epstein Scholarship <http://socalspe.org/Scholarships.html>

Past presidents are invited for our traditional informal past presidents meeting



REGISTER ONLINE www.socalspe.org



***Low Team
*Low Gross
*Longest Drive
*Closest to Pin**



Any donations in the form of Raffle Prizes, Tee Sponsorship, Cash or Services for this fundraiser will be greatly appreciated. Your contribution will be recognized at the tournament.

Note: If paying by credit card you can also register online at www.socalspe.org

Pricing \$ SPE member / \$ non-member

☐ GOLF & CART+DINNER \$120/\$140.00 ea

☐ GOLF & CART only 85.00/\$95.00 ea

☐ DINNERBANQUETonly \$45.00/\$55.00 ea

☐ SPONSOR tee\$100.00 / flag\$250.00

Sponsor - Sign at Tee \$100 or Company Pin Flag \$250

☐ EDUCATION/SCHOLARSHIP donation \$

☐ I plan to donate a raffle prize or other services

TOTAL

Name of Participants (group contact as #1)

Index (if used)

1- _____

2- _____

3- _____

4- _____

Company _____

Phone _____ - _____ - _____ Email _____

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For AmEx this is the 4 digit # on the front right of the card.

Event coordinators:

Kerry Kanbara 909-906-2332

Rick Hays 714-473-9598

Em: kerry@piustech.com



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1/13/2015

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(NO REFUNDS FOR CANCELLATION AFTER 06/01/15)

Technical Intern Programs

By Victor Okhuysen, Ph.D.
Cal Poly Pomona University

Introduction:

Student interns can be an excellent method to pursue projects, support areas that need development, collect data, etc. The best results occur when the interns are able to apply their full potential. Unfortunately there are many pitfalls that employers and interns fall into. This paper will summarize best student intern practices through the systematic and intentional application of their skills.

A technical intern is someone who is getting paid working in a technical capacity but whose primary activity is attending school with the goal of obtaining a four year degree. The intern may work as a co-op, as part time permanent, summer full time, permanent full time, etc. It is also important to note that most interns don't simply want a job but they also expect to learn at their job. This goal is easily and automatically achieved in a properly structured internship.

Company Benefits of an Intern Program:

The first and not very obvious benefit is recruitment of permanent employees. Internships are a very effective job interview process. The interns get an excellent idea of the company, its culture and what they would be doing within it upon full time employment. The employers really get to know the students, so they are more confident when they made full time job offers (or when not to).

Internships offer an easy, low risk and relatively inexpensive exposure of your company to potential employees. Easy, because students are typically looking for summer work (or part

time work if you are close enough to a school). Low risk, because the internship can be structured as a definite term assignment and if things don't work out, it simply is not renewed. But if it works out, it can be renewed or a job offer after graduation can be extended.

Relatively inexpensive exposure is attained because you are getting work done during the internship. But more importantly, you are getting skilled work at a relatively inexpensive rate. At the lowest level of a technical student you will get good computer skills and proficiency, CAD, and some problem

solving ability, even from a first year student. The typical pay for interns is approximately at \$16/hr (typical ranges \$15-19/hr, but

variable).

In addition, interns are an excellent way to advance projects that 'you can't get to' because they are never urgent enough. That is, projects that would be useful and helpful and thus important, but since they never rise to urgent status they keep getting bumped back.

Keys to a successful internship:

An intern program needs to be intentional and thought out. Said another way, it has to be planned, it should not be improvised. These are the elements and best practices of good internship programs:

- a) Project: What needs to be done? Which need will be satisfied by the intern? Generally speaking, the project can be no longer than the duration of the internship (or can be ongoing for part time working



Continued on page 6

Technical Intern Programs

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students, (it should be something that the intern can handle, should be important enough to have management buy in.

The best projects tend to be those where the intern can take it from beginning to end. If it is a longer term project, the intern can take it from the beginning to end of a specific stage and this works well. Typical tasks assigned to interns include time studies, process improvement, root cause investigations, data collection

and statistical analysis, equipment installation, procedure development and writing, etc.

Establishment of clear goals and timelines, even if they are broad, helps everybody. Interns often

reported 'being lost' because they did not know in what direction to proceed. If the objectives and timelines were clear, generally this was not a problem.

b) Assessment of skills/training required:

What will the intern need to know to execute the tasks assigned? This is important because it will guide what field you recruit (ie. materials vs. industrial engineering). It will also guide what level student you want, lower division (basic math, physics, chemistry) or upper division (more specific skills in field). Lastly, it will help determine what skills the intern will need to learn on site for the execution of the internship.

Developing a 'learning ladder' in the sequence that you want the intern to

acquire these skills is a path that has proven successful.

The most time efficient training method (from the supervisor's or mentor's time point of view) has consisted in preparing materials that the student needs to know to execute the tasks in the internship. These materials include largely relevant literature such as chapters of selected books, relevant internal procedures, supplier literature, technical papers, etc. Then have the

interns study it within a specific timeframe (one week has worked well) and be active in asking and answering questions about this background material.

IT IS NOT NECESSARY (NOR VERY EFFECTIVE) TO SHOW THEM EVERYTHING BY HOLDING THEIR HAND. This is a very

common mistake. If possible, a brief rotation through the shop floor with ½ - 1 day per area/station that they will need to understand is extremely helpful.

Additional training may be appropriate to develop and encourage potential future permanent hires.

c) Supervision and mentoring plan: It is important to realize that interns are used to getting constant feedback in their performance through teachers frequent grading and parental feedback. Industry people are not used to giving constant feedback. Generally, the best approach reported by interns was to begin with frequent feedback, tell the intern that it will become less frequent as they gain



Continued on page 7

Technical Intern Programs

Continued from page 6

confidence, and then lower it significantly. It is also important not to micromanage.

When assigning work, assign stretch goals (without calling them that) rather than what you would think appropriate. Interns often report being bored due to having nothing to do, thus indicating a tendency of under assigning tasks. However, beware that your stretch goals may be truly stretch, and if necessary, be ready to dial back.

Always explain the relevance of the project or assigned duties and how they fit the big picture. It will inform the interns decision making process and will reduce the supervisory need.

d) Intern work area: A decent work surface, with an adequate computer in the office that has the people with whom the intern needs to interact.

e) Intern recruitment: Have a plan for this. Start as early as possible, but with interns it is often possible to find students relatively

late. Hiring interns whose home is local usually yields the best results because most students will prefer to stay close to home. If there is a college with a technical program nearby recruitment can take place there.

There are multiple ways of contacting the school: through the career center, the co-op office, and through the pertinent professor. Each contact method will work differently at each of the schools. The pertinent professor will know the students more intimately and will be able to recommend specific individuals. The career and co-op offices on the other hand will be able to cast a wider net.

These are the tasks that will make an internship successful. In the second and last in the series, how to prepare recruiting materials and an example on how to successfully interact with interns.

Read Part 2 on page 10

SoCal People



This is a new feature for our newsletter. We will note changes of positions, opening of new companies, interesting facts about our plastics community and humorous stories told in good taste about our members. Please forward all of your gossip to me, Kerry Kanbara, kerry.kanbara@gmail.com

Clarence Smith, A past president of this section and a wealth of knowledge to our industry. Clarence had suffered a recurrence of a malignant brain tumor. He has gone through a full cycle of radiation and is now undergoing Chemo therapy. Clarence is in good spirits and still tutoring young students. Get well Clarence!

Bill Jeric, a long time executive in the hobby industries, and the past President of Losi Racing has hung up his own shingle in Upland Ca. If you are trying to bring a hobby product to market, you may want to send him a line.

The Jeric Group, LLC
42 N. Central Ave.
Upland, CA 91786

(909)981-1080
www.thejericgroup.com



Western Plastics

TRADE FAIR

Anaheim, CA

AUGUST 13, 2015

Hosted by The Southern California
Society of Plastics Engineers



The **Western Plastics Trade Fair** is the processors choice for networking with local suppliers.

We hope you will join us and your fellow colleagues on AUGUST 13, 2015. See you at the Fair!

Objectives

- Networking - Bring local Plastics Processors together
- Enhance a local vendor to processor supply chain
- Effectively introduce new products and services to the Plastics Processor
 - Bring awareness to Plastics related educational courses in Southern California
 - SPE based seminars - The latest in productivity improvement technology

Seminars

Renowned speakers and educators who specialize in the plastics industry

1:00-4:00PM

Seminar 1: **TBA**

Speaker: **TBA**

Seminar 2: **TBA**

Speaker: **TBA**

Seminar 3: **TBA**

Speaker: **TBA**

Exhibits

4:00-7:30PM

Local suppliers and resources for the Plastics Industry

- | | |
|---|--|
| <ul style="list-style-type: none"> • Additive and color suppliers • Auxiliary equipment suppliers • Secondary services • Educational materials • Overseas markets • Rapid prototype suppliers • Insurance services • and MORE | <ul style="list-style-type: none"> • Material suppliers • Machinery manufactures • Job locating/placement services • Molding supplies • Software programs • Educational services - colleges • Finance and banking resources |
|---|--|

Dinner

5:30-7:00PM

- Buffet dinner in the exhibit hall
- Network with colleagues during the dinner

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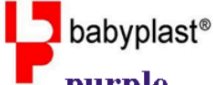
measure. analyze. innovate





TOSHIBA MACHINE CO., AMERICA






















Western Plastics Trade Fair Continued from p xxx

Raffle Prizes

- Proceeds support our local SPE Scholarship and Plastics Training Programs

Location

The Phoenix Club [click here](#)

1340 S. Sanderson Ave. Anaheim, CA

The Phoenix Club, one of the largest venues in Orange County, encompasses 6.2 acres of banquet halls, festival grounds, patio gardens and two restaurants. Inspired by German heritage and tradition to create a European charm has made it one of the most popular places in the region.

Exit Ball Road off the 57 freeway and head east. Right on Phoenix Club Drive. Right on Sanderson Ave.

Registration [click here](#) for online registration

INCLUDES: Seminars, Trade Fair Exhibit Hall and Dinner

Advanced purchase non member \$ 40.00 per person

Advanced purchase SPE member \$ 30.00 per person

\$ 50.00 day of event register at door

Event PDF [click here](#) includes mail/fax registration form

Schedule

If attending seminars check-in is 1:00PM, Trade Fair opens at 4:00PM

1:15PM to 2:00PM **"Seminar 1"**

2:15PM to 3:00PM **"Seminar 2"**

3:15PM to 4:00PM **"Seminar 3"**

4:00PM to 7:30PM **Trade Fair - Meet your local suppliers**

and see what's new in the industry!

5:30PM to 7:30PM **Dinner - Buffet dinner in the exhibit hall**



For more information contact:
Vishu Shah, Consultek
909-465-6699

*This event is hosted by
the Society of Plastic
Engineers, Southern
California Section*

●●●Online●●●
**Buyers Guide
& Directory**

**A resource for Southern California's
Plastic Manufacturers**

*Don't forget to add a shortcut on
your desktop to the SoCal Buyer's Guide*

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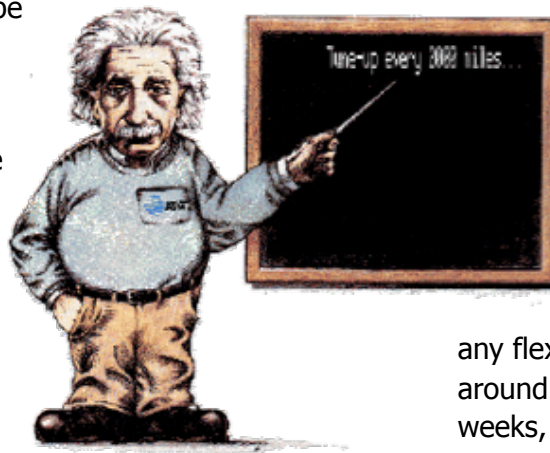


Technical Intern Programs

Part 2

In the previous part, the successful steps to implementing an intern program were explained and elaborated upon. In this part, how to prepare recruiting materials and an example on how to successfully interact with interns will be covered.

Prepare recruiting materials: The recruitment materials can be simple but a complete and persuasive message needs to be prepared, again, so as not to be scrambling. It also shows potential interns that the company is well organized. The prepared materials can be displayed on the company's website, sent via email so they can be easily forwarded (particularly useful for contacts with professors), and other advertising. These materials should include the following information whenever possible supported with testimonials from other interns:



1. Introduce your company. Boilerplate material should work, if the 'high tech' nature of your company can be highlighted, do this.
2. If applicable, indicate the possibility of a permanent job after the end of college.
3. Highlight the personal and professional development aspect of the internship.
4. School credit: depending on the institution that the intern attends they can get some course credit for work or projects performed within your company. Indicate a willingness to work with them on that.
5. Time when the internship will take place. Typically companies can be

flexible with dates, so instead of saying "June 1st to August 31st", indicate "approximately 10 weeks in the summer of 2014 as necessary to accommodate the needs of the intern."

6. Clearly indicate the pay range that you are considering in the overall package.
7. Indicate what tasks the intern will be performing rather than asking for a specific major.
8. Very specifically for internships that are part time on going work, indicate the hours/week that are required (about 20 max are recommended), any flexibility that there may exist around midterm and final exam weeks, and the possibility to increase work hours around school vacation.

Actual training example:

In one situation additional manpower was required in a facility on a temporary basis to support engineering for the deployment and tracking of first articles. The three interns in their first week worked in the shop floor (1/2 day per area) until they had been through the entire shop, about one week. Additionally, in the first day they were given about 300 pages of materials to read (excerpts from books, articles, booklets, supplier literature, relevant company procedures, etc.) relating to the tasks that they were to perform. They were given a one week deadline to study the material on their own. They finished going through the material in about 1½ weeks. After the first week they were introduced to the specific activities they would perform. The literature had emphasized considerations for these aspects, so minimal

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Technical Intern Programs

Part 2 - continued from page 11

additional instruction was necessary, and most of it was done during daily review of their work. The initial parts assigned were simple, but as they gained experience they began working on more complex parts as well. For first article tracking and follow up they were able to be more effective because they had met all the area supervisors and many of the shop floor people during their shop rotations. After only three weeks from starting they were working fairly independently with only one daily meeting to answer questions and review progress and issues with first articles.

The supervision and training transpired in daily meetings the first week to answer questions from the reading material. The second week, when they began the 'engineering' tasks, there were daily meetings where each project was

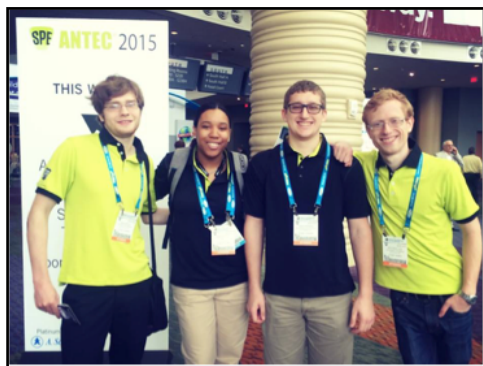
reviewed in detail, and this was used as a training opportunity for all interns. These took about 1 ½ to 2 hours daily that week. The length of these meetings tapered off for another two weeks at which point the meetings were individual for about 15 minutes and mainly to keep an eye on things and answering questions. All three were subsequently offered a formal co-op with the company with the intent to hire upon graduation.

Conclusion:

Internships can be of great value for the company and the student. However, this value will be realized only if the internship is properly executed by both parties. There are many mistakes that can derail an internship, however with proper yet simple planning and follow up they can be avoided.

NGAB Delivers at ANTEC NPE

By Ashley Price, Chair of NGAB
Membership Chair SoCal Division
Horn Company



SPE is proud to report that the Next Generation Advisory Board has once again provided yet another successful meeting of the minds. Amongst all of the NGAB activities at ANTEC NPE, The Plastics Race has proved to be the highlight for many students and young professionals for its innovation and simply put, fun! NGAB dedicated much time and effort developing a new one of a kind APP driven scavenger hunt that directed participants throughout the exhibition floor encouraging communication and problem solving interactions. With 100 participants and \$10,000 worth of prizes, The Plastics Race has provided an extended platform for innovation in the years to come! A special thank you to ALL of our sponsors and participants for making The Plastics Race a success!

If you are interested in finding out more about The Next Generation Advisory Board and ways that you can sponsor, please visit our website at

<http://www.4spe.org/Events/Content.aspx?ItemNumber=20667&navItemNumber=20670>

WONDERS OF PLASTICS ESSAY CONTEST 2015

Each year the Southern California Chapter of the SPE sponsors the "Wonders of Plastics" Essay Contest. It is open to all high school students in the area regardless of affiliation to the plastics industry. Traditionally students in Science and English courses have been the main group of participants. The contest this year had cash prizes of \$500 for the first place, \$250 for the second place and \$100 for the third place. A matching donation was given to the winners schools.

This year Ontario High School continued their participatory streak and Diamond Ranch High School in Pomona participated for the first time. In an interesting twist, all the winners were underclassmen, that is freshman and sophomores. The third place winner was Nghiu Bui from Ontario High School with an essay titled "Recycle Plastics". The second place winner was Paula Ayala from Ontario High School as well with an essay titled "Plastics in Medicine". The first place winner was Susana Okhuysen from Diamond Ranch High School with her essay "The Power of Plastic." (See Attached).

Section President Rick Hays and Education Chairman Victor Okhuysen visited the classes of the winners to make the award presentation in front of their peers.

A special thank you to the teachers that made it possible: Mrs. Guadalupe Rowley, Mrs. Cynthia Hofferth, and Ms. Katherine Lay for adding the effort to their busy teaching duties to encourage their students to participate.

The contest will run again next year starting approximately in October and any high school student in the Southern California Section area is eligible to participate.

The essays are submitted to the section. They are stripped from any identifying information and then they are sent to a panel of independent readers within the industry. The readers rate the essays on the merits of topic depth, idea development and proper grammar, spelling, etc. The results are then compiled and the overall ranking is determined.



Presentation of Award to First Place Winner, Susana Okhuysen, Diamond Ranch High School, by Rick Hays.



Presentation of School Check to Principal Suzanne Ripley, Diamond Ranch High School by Rick Hays



Presentation of Award to Second Place Winner, Paula Ayala, Ontario High School, by Rick Hays.



Presentation of School Check to Mrs. Guadalupe Rowley and Principal Eduardo Zaldivar, Ontario High School by Rick Hays



Presentation of Award to Third Place Winner, Nghiu Bui, Ontario High School, by Rick Hays

Councilor's Report

By Vishu Shah

Since joining SPE in January 2012 as the Chief Executive Officer, Wim De Vos has been working diligently to transform SPE into a premier plastics engineering organization that is not only relevant but global in its outreach. Painful but sadly true facts were revealed in the association bestseller, entitled *The Race for Relevance*. The authors describe how most current governance and operation models at professional societies no longer work, and, as a result, many of these societies experience a financial drain and dramatic loss of members. The escalating use of the internet, the lack of free time of volunteers, the effects of globalization and many other factors have all had a huge influence on the professional society's operating system. Recognizing this inevitable future of the societies, Wim proposed series of drastic measures to modernize the aged society operating model that were flexible, responsive, and adaptive.



Most councilors agreed to depart from the norm and welcomed the new era of relevancy. I am happy to report that we are on our way to accomplishing most of the stated goals. At the council meeting held in March in Orlando at the joint NPE – SPE ANTEC event results were reported. The New SPE Website met all the goals that were set forth including modernized look and feel, mobile responsive, easier navigation, centralized databases, full searchable databases, increased traffic and bounce rate, increased advertisement income, etc. Conference smartphone app has been upgraded allowing use of mobile devices to view conference content. The launch of "The CHAIN", SPE's e-professional networking site has been successful; however it is too new to assess the long term benefits. This platform will enable us to have discussions with members

and plastics professionals around the globe on technology-relevant subjects in our industry. With "The CHAIN" linked to SPE technical database, we hope plastics engineers will soon be doing a "CHAIN-search" before Googling.

Globalization of SPE has been achieved by hosting ANTEC's, conferences and TOPCONs all over the world. Successful events included, ANTEC Mumbai, EUROTEC Lyon, China TOPCONs for Injection Molding and Medical Plastics, Polyolefins Arabia 2013, ANTEC Dubai 2014, CIPAD (Council of International Plastics Association Directors) meeting in Ghent, Belgium, a new Nano-Composites Conference organized by the Spain Section, and much more.

One of our Society's most important missions is to attract and educate the next generation of plastics professionals. To help with its next generation membership drive, two new videos were announced and are now available for you to use membership

marketing campaigns!

"Become an SPE Young Professional"

<http://www.4spe.org/Membership/Content.aspx?ItemNumber=18237>

"Become an SPE Student Member"

<http://www.4spe.org/Communities/students.aspx?navItemNumber=667>

Under SPI and SPE's agreement, students looking to become an SPE student member will have the option to do so for free if they also join SPI as an e-member. The student's membership dues would be waived and SPI and SPE would share the membership cost for each student that takes advantage of this offer. By offsetting the cost of membership, both SPI and SPE hope to make it easier for students to take advantage of

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Councilor's Report

Continued from page 13

each organization's respective educational and networking opportunities, while expanding opportunities for plastics students and young professionals who, due to financial hardship, might've been reluctant to participate.

The Next Generation Advisory Board (NGAB) serves as the primary recommending committee of SPE in matters of IT and social media, activities that drive recruitment and retention of young professional (YoPro) talent, and training programs to convert YoPros into new leaders that can help advance the society into a more sustainable future. Purpose: To overcome generational and technological challenges Vision: To become the endless source of new leaders for SPE by 2020 Mission: Drive IT, social media, and training activities that will recruit & retain young professionals, convert them into future leaders, and ensure a more sustainable future for SPE.

Finally, I am very happy to report that SPE met its financial goals for 2014. Reaching a POSITIVE RESULT of 103 K was a real achievement (budget was negative with \$ 86 K), especially under difficult market conditions and whilst developing so many new projects.

Incidentally, Mr. Scott Owens, President & CEO, Chemtrusion Inc. is the new President-Elect for the term 2016-2017 and will replace newly appointed Mr. Dick Cameron of Cameron Consulting.

So Cal SPE section received Pinnacle Gold award once again this year at ANTEC for successfully creating and delivering member value during year.

Next, council meeting is slated for Oct 10-11, 2015 in Pittsburg. Next ANTEC will be held in Indianapolis from 23rd through 25th May 2016.

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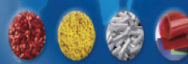
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Dues include a 1 year subscription to *Plastics Engineering* magazine-\$38.00 value (non-deductible). SPE membership is valid for twelve months from the date your membership is processed.**Payment Information: PAYMENT MUST ACCOMPANY APPLICATION-NO PURCHASE ORDERS ACCEPTED**

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The SPE Online Membership Directory is included with membership. Your information will be automatically included.

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