

THE THERAPEUTIC WINDOW

CONFESSIONS OF AN EDUCATOR: DR. TINA BROCK *WHY MISTAKES ARE CRITICAL IN PHARMACY EDUCATION*

The opinions expressed in this interview are those of Dr. Tina Brock, and do not necessarily reflect the views of the UCSF School of Pharmacy.

1) What was it about UCSF that attracted you to taking a position here?

When I found out about the opening at UCSF, I was working for an international nongovernmental organization (NGO) called Management Sciences for Health (www.msh.org). Most of my work was providing training to healthcare providers at local universities emphasizing the need to increase access to and improve use of medicines by their populations. What I learned through this was that many US universities are keen to provide support for these activities, but unfortunately, what works in the US doesn't always meet the needs of other countries, particularly those in the developing world.

To affect change in traditional systems requires hypothesis-driven experimentation at a very high level – with the support of an engaged faculty and very talented, flexible students. And where better to create the next global model of pharmacy practice and education than the birthplace of clinical pharmacy? The same renaissance mindset that surrounded the creation of the hospital-based clinical pharmacist practitioner 40 years ago is exactly what's needed now to revolutionize our profession worldwide. And because of our legacy of achievement in this area, the world definitely watches what happens at UCSF. I believe this makes it our ethical responsibility to do things better. If we make changes to our own approaches based on the evidence we generate, others will either follow suit or generate their own evidence to challenge these new models.

2) What is it about the current educational system that you believe could be improved on?

When clinical pharmacy got its start, our nation's health and our health care system were completely different than



Dr. Tina Brock BA, BSPHarm, MS, EdD Professor of Clinical Pharmacy and Associate Dean for Teaching and Learning in the School of Pharmacy

they are today. Advanced pharmacy clinicians were needed to provide hospital-based services like selection of appropriate antibiotics and pharmacokinetic dosing of medications. From that foundation, the pharmaceutical care (1990) and medication therapy management (2004) movements were born. But despite the fact that educational systems have changed, the fact of the matter is that availability of more clinically-trained pharmacists has not led to significantly improved health outcomes at the population level. I'm sure saying that won't make me very popular around here, but it's true. In my personal opinion, we've spent far too much time dividing into even smaller factions and not enough time holding ourselves accountable for these results. When I graduated from pharmacy school in 1990, there was a saying, "You have to show outcomes before you earn incomes," and that is really still true today. I wish I could say that the next generation of pharmacists will have it easier, but that's just not the case.

Although we still need advanced prac-

tioners in hospital settings, keeping mild-to-moderately ill people out of the hospital through the provision of high quality prevention and treatment services directly at the community level continues to be of growing importance. To achieve this will require a different kind of health care team – clinicians connected via emerging technologies and trained to work collaboratively with one another and with patients for the greater good. The pharmacist of the near future will be both responsible for providing access to and assessment of cutting edge information about medications; with the goal of developing personalized medication services based on patient-specific characteristics.

It has been about a dozen years since the UCSF SOP's last major curricular change (the creation of the pathways program) and our most common instructional method (lecture), preceded the invention of the printing press. In our labs or clinics, if we were using approaches that were that old, would we still be considered cutting edge? Probably not. But we have some exciting opportunities ahead – the new UCSF Center for Innovation in Interprofessional Healthcare Education will allow us to leave our professional silos and begin working together in teams as early as that first orientation session.

3) What changes would you like to see from the student body?

Before I took my position at UCSF, I met with a group of students as part of the interview to ensure these were indeed the kind of people who could serve as the change agents required to advance our educational models. I must say that I was very impressed and extremely excited to have the chance to work in this environment. What I didn't anticipate is that such talented people would have been so conditioned to being "top performers." Training to be a health professional is stressful – it always has been – because in the end, the

Brock

ASSP News

Another Great ASSP President Bids His Goodbye

Ivan Mok
ASSP President

With only a month left in this quarter, I can no longer deny that rotations are coming. It is time to trade in the T-shirts and jeans for ties and a white coat; I can hardly contain the excitement. Needless to say, a part of me wishes to remain a student in the classroom, while another part is eager to start using all this material I have learned. With my last *Therapeutic Window* article, I would like to share my gratitude for the current ASSP Cabinet 2011-2012.

To *Therapeutic Window* Editors **Ryan Beechinor** and **Chad Rockwell**, thank you for bringing excitement and the 'Student Focus' to the TW, it ties in perfectly with ASSP's mission to celebrate the students of UCSF. To Webmaster/Historian, **Raymond La**, great job with creating and moderating the UCSF ASSP Facebook group, this venue is more interactive and allows students to see pictures from the events conveniently. To VPs of Academic and Professional Affairs **Lena Yoo** and **Nghi Ha**, many thanks for making President's Day Breakfast and Homecoming huge successes.

To Treasurer **Jeannie He**, thank you for working with me to trim down the ASSP budget and transform it into a series of events that have been grand and high quality. To the VPs of Social Affairs, **Kayla Sakimoto** and **Kevin Park**, you two have been absolute all-stars from the day you two put together the Class Awards last spring and through an epic PAA Trivia Night. To Secretary, **Samantha Lee**, you have been incredibly efficient in updating the ASSP Calendar within days of the C&C meeting and garnering huge donations for Bagel Day. To President-Elect, **Christine Bui**, a huge thanks for being an awesome partner who is equal parts of high energy, resourcefulness, Target cool-aid and dedication to serving our students. To the entire student body, thank you for sharing your talents, energy and time with ASSP; it has been an absolute pleasure to serve you.

Many thanks,

Ivan



ASSP Cabinet Officers clockwise from upper left: Ryan Beechinor, Nghi Ha, Chad Rockwell, Ivan Mok, Kevin Park, Raymond La, Jeannie He, Lena Yoo, Christine Bui, Samantha Lee, and Kayla Sakimoto

ASSP Cabinet Moving Forward Together



ASSP Cabinet showing their goofy side

Christine Bui
ASSP President-Elect

The winter quarter is a very exciting time of transition and new beginnings. We are almost ready to call the Class of 2012 "Doctors"; the Class of 2013 is about ready to go off onto rotations, the Class of 2015 is eager to receive the torch of leadership from the Class of 2014. Changes are coming fast and before we get too caught up in moving towards our futures as pharmacists, I'd like to take a moment to thank the people who I have worked alongside with for the last year: the ASSP Cabinet.

To my President, **Ivan Mok**, you have been my inspiration and support for the last year. You have been our graceful leader this year and I am sad to see you go. To my VP of Aca-

ASSP News

ASSP Treasurer Update

Jeannie He
ASSP Treasurer

Since last fall, the ASSP cabinet has done an amazing job of obtaining donations for many of the School of Pharmacy events that we have enjoyed. Therefore, I would like to take this opportunity to acknowledge the generosity of the donors and thank them for their contributions. For Bagel Day, Samantha Lee received food donations from Trader Joe's, Starbucks and Noah's Bagels. For the President's Day Student-Faculty Breakfast, Lena Yoo also received food donations from Starbucks, Noah's Bagels and Arizmen-di Bakery Cooperative. For the Welcome Fair and Trivia Night, Kevin Park and Kayla Sakimoto received donations and sponsorship from Naan N Curry, Pasquel's Pizza, Pluto's, Yummy Yummy, Carmelina's, Millberry Union's vendors, UCSF Pharmacy Alumni Association, and the Office of Student & Curricular Affairs (OSACA). These donations have not only helped save funds for ASSP, but they also provided delicious and plentiful food and fun for the events. Great job, ASSPers!

Besides the aforementioned events, ASSP has funded the P3 Send Off, Student of the Quarter and Bagel Day. We also co-sponsored the successful Interprofessional Formal with the School of Medicine and School of Dentistry as well as the Blood Drive with the UCSF Medical Center and Dean Mary Anne Koda-Kimble.

Last but not the least, I want to give a special thanks to Lucia Piriano from OSACA, as well as Kayley Kravitz and Barbara Smith from the Office of Student Life; thank you for your assistance with the ASSP financial accounts and reimbursements. We sincerely appreciate all the help that you have given us.

VP Social: Pharmacy Residents Reign Supreme

Kayla Sakimoto and Kevin Park
ASSP VPs of Social Affairs

Another successful ASSP/PAA Trivia Night kick started the winter quarter. This year we had a strong showing from all four pharmacy classes as well as the first pharmacy residents team! Students were able to mix and mingle with UCSF's finest alumni in a heated battle of trivia knowledge. After four extremely close rounds and a sudden-death tie breaking round, the pharmacy residents team were named the winners with the P4 team as a close runner-up. With such a great turn out from the many faculty who came to lend their knowledge and expertise for the student teams, we can all look forward to another entertaining Trivia Night next year!

After the success of last year's event at the Westin St. Francis, ASSP collaborated with ASUC to bring UCSF's Annual Formal to the Westin's beautiful Grand Ballroom. Students from all of the different schools gathered to experience the grandeur of a premier Union Square hotel and show what kind of swagger UCSF has to offer. The event proved to be a huge success, with two DJs from Bootie SF and well over 1,000 guests to dance the night away deep in the heart of San Francisco. From

the hilarious photo-booth pictures, to the great mash-ups the DJs brought to the dance floor, it was certainly a night full of many memories with great people.



Winners of the ASSP Trivia Night: Bryan Cook, Jessica Moore, Kevin Curler, Tami Lenhoff, Bonnie Li, Tim Bassell, and Audrey Wong

Visit ASSP's website at: <http://rco.ucsf.edu/index.php/assp/>

ASSP News

Winter 2012 Students Of The Quarter

Samantha Lee
ASSP Secretary

Congratulations to our four ASSP Students of the Quarter: Jason, Chai, Tran and Dora! Thank you for your smiles, spirit and dedication to your classmates and to the school!

Class of 2015: Jason Barca
"His unwavering smile and positive atti-

tude give our classmates the lift we need on any given day."

Class of 2014: Chai Saechao
"She is always there to help a friend!!! She is filled with great advice and encouragement!"

Class of 2013: Tran Nguyen
"Tran is so innovative and great to work with - I am so glad she chose to run for

vice president."

Class of 2012: Dora Ng
"Dora is always available with a sweet smile to help whenever a fellow student is struggling, either academically or emotionally or spiritually. She has a very professional attitude and always treats her APPE's like a job, putting patient care above her personal life and giving 100% to every rotation."

Congratulations, Students of the Quarter!

Student Pharmacists Explore Future Technology

Nghi Ha
VP of Professional Affairs

The highlight of this quarter was the McKesson tour that was co-sponsored by ASSP and AMCP. The McKesson tour is an annual event that gives students the opportunity to see pharmacy from the supplier's point of view. We compiled 2 groups of 15 P1s, P2s, and P3s and toured McKesson's Technology Solutions & Vision Center in downtown San Francisco. It was great to see so many enthusiastic student pharmacists seeking answers from our gracious tour guides.

For those who are interested in a career in research and development in the pharmaceutical industry, we will be hosting the Gilead tour in the spring. This tour will give students a glimpse into how drugs are discovered, how they are manufactured, and how they are marketed. More importantly, it will give student pharmacists the opportunity to observe the professional roles of pharmacists in the pharmaceutical industry.

There will also be a continuation of the "Speak up" series next quarter. ASSP is collaborating with OCPD to plan a "How to give a professional presentation" lunch talk in early spring and a "How to give a professional presentation" work shop in late spring. The workshop component is a great way for student pharmacists to practice the key points that they have learned from both the how-to worksheet (released in Fall 2011) and the lunch talk. Moving forward, I have great hopes for professional development at UCSF due to the creation of the Professional Development Series under the leadership of Pan Wong. Pan has been working together on this series along with the professional development officers from the various pharmacy organizations on campus. This collaboration between the different organizations has helped minimize overlap in events and maximize the diversity in events available to student pharmacists.



One of the McKesson Robotic Pharmacy Systems

Class Updates from the Presidents

Class of 2013: A New Journey Begins

Marisa Roberts
Class of 2013 President

The P3s are torn. We are saddened by the fact that we have only a couple of weeks left together until we dispatch across California for 12 months of rotations. We have so many memories and stories of our times together since our Orientation Week in 2009. However, we are looking forward to stepping into these exciting rotation roles and utilizing the skills we've learned since we first stepped onto the UCSF campus.

The class cabinet has filled our remaining time together with several opportunities to make many fantastic final memories as a class. We had another successful "P3 Table for 4" small group lunch potluck on March 1st. This event, created by Class VP Tran Nguyen, allowed a randomized group of P3s to eat lunch together and get to know one another a bit better. Everyone also had a blast at Ruby Skye during our clubbing fundraiser on March 3rd!

Coming up: the P3 Send-off, a fun evening for *all* SOP stu-

dents. Held on Monday, March 5th at Yancy's, will be a great chance to say good-bye to the P3s over good food and drinks. Then, the class is looking forward to gathering together to cheer on Mohsen Shamai (with a special surprise organized by Class Treasurer Katie Alvarez) as he competes for the coveted title of Mr. Pharmacy on Tuesday, March 6th. A few days later, on Friday, March 9th, we will be electing our new class officers and selecting our graduation speakers. Yes, we are planning for graduation already!

We will take a week off of activities to study for our *last* Therapeutics final exam (hooray!). The day after our last final exam (ever!), the P3s are celebrating with a delicious class BBQ in Golden Gate Park on Thursday, March 22nd, organized by class secretary Van Vuong.

The cabinet has enjoyed serving our class this year, and we hope the P3s take advantage of the upcoming activities and spend our last days together making some new memories!

We hope to see lots of P1s, P2s, P3s and P4s at the P3 Send-off on March 5th! Cheers!

Class of 2014: Handing Over The Reins

Nichol Baxter
Class of 2013 President

This winter quarter the Class of 2014 has made its way through the tough rigors of P2 year. We now find ourselves on the other side of seven midterms, and are now catching up on sleep and classes. This marks our first quarter of Therapeutics, and although the course has overwhelming amounts of information, we are thriving on the knowledge bestowed upon us!

Currently, the class is ramping up to host the most anticipated competition of the year, Mr. Pharmacy. Each year, one student from each class is nominated by his classmates to be a candidate in hopes of taking home the glory of being crowned Mr. Pharmacy of the school. This year, Francisco "Junior" Ibarra will represent our class.

Our journey in becoming pharmacists is moving to the next level through the process of choosing rotation sites. Although our boxes have been numbered, it is not until the lottery when the final decision will be made. As we move closer to the end of the quarter it is bittersweet. While the P2 class is excited in passing the reins of leadership to the P1 class, we are sad to see the sendoff of the P3s.

Through it all, the class of 2014 continues to use its passion for pharmacy to fuel its achievements. Good luck to everyone on their finals and enjoy spring break!



*Four students from the Class of 2014 enjoying themselves at "Prom"
Elden Vien, Dennis Ankrah, Francisco Ibarra, and Paul Albicker*

Class Updates and RCO News

Class of 2015: Looking To The Future

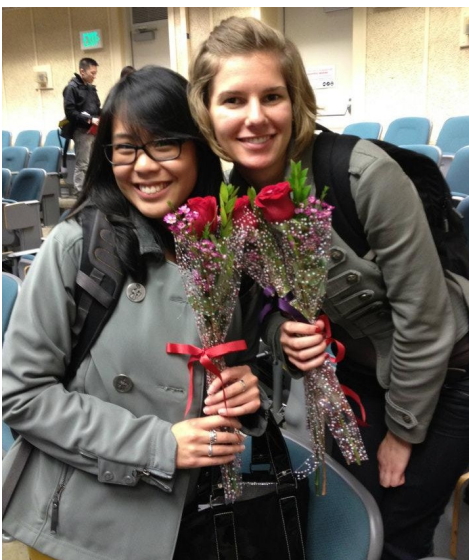
Timothy Mok
Class of 2015 President

Winter quarter has finally arrived, and we expected it to be cold. What we didn't expect is how *warm* HSW-303 would be. It is great to have a home base and have us all in one class... all day... every day... except Fridays, when we're able to bounce into other classrooms.

We started the quarter with high hopes and happy smiles because we no longer have homework due. It's nice not having to break our backs with our calculators, 50 spare batteries, and scratch paper. We started dancing and singing quite frequently – especially because Mr. Pharmacy is around the corner. We also continued to live happily on boba, and glazed Krispy Kreme donuts... Which we promptly stopped consuming, not because of calories, but because of the wonderful pictures from lectures depicting lice infestations on eyes, and athlete's foot.

When Valentine's Day rolled around, the P1 gentlemen surprised the ladies with

roses, signifying love and unity. Subliminally, it was also a message of "Good luck on exams!" because midterms were sched-



Roses Are... P1s Priscilla Truong & Nadya Hristeva

uled both on Valentine's Day and the day after. Perhaps we will remember to warn

next year's class not to expect a full-blown Valentine's celebration from their partners. I'm looking forward to next year when we can get flowers for the whole class!

Many of us wore our pins proudly. We rocked the fraternity shirts on Fridays and ran away from upperclassmen when we forgot. We spent Saturdays cleaning beaches or plucking invading plants. It has been a great quarter to explore the city.

I am glad for the unity our class holds, whether classmates have pledged PDC, KY, or neither. These associations have not affected our camaraderie. We still stand together as the Class of 2015 – and it's the strong bond we have for one another that I am most proud of. No matter how we diverge in our paths, we are still unified by our love for pharmacy and respect for one another. The P1 class is growing stronger and wiser every day. We realize that we are in it for the long haul. So until we head to other cities in California where the sun shines (or retreat to Mission Bay), we will continue to bundle ourselves and try to stay warm. Together.

NCPA Gets Down To Business

Gregory Gipson
NCPA President

The end of winter quarter marks many things, including a newly crowned Mr. Pharmacy, P3s heading off to rotations, and another exciting quarter for NCPA!

Thanks to Vanessa Guzman's hard work, we began with our Business Skills for Pharmacists elective. This course drew a big crowd and built the entrepreneurial foundations students will need to become successful pharmacy owners and managers. With lectures given by independent pharmacists and small business consultants, the elective helped students prepare for the Business Plan Competition, which ends spring quarter. The winning team will present their plan at our Business Plan Reception, thanks to a charitable donation from Amerisource Bergen.

This quarter NCPA was able to host our first-ever legislative lunch talk, which turned out to be a very popular event. With the help of Deneka Keengwe, we were able to coordinate a very informative lunch talk with Dr. Marcus Ferrone highlighting important and upcoming pharmacy legislation.

Our P1 reps, Jason Barca and Chris Shaheen, did an outstanding job bringing together some San Francisco pharmacists

for our Pharmacists Round Table event. This was a great evening of socializing and independent pharmacy!

We also took a trip down to Dr. Peter Koshland's pharmacy,



It's all smiles for the UCSF NCPA 2011-2012 Cabinet

aptly named Koshland Pharmacy. The pharmacy opened in 2009 and has flourished in downtown San Francisco ever since. He was gracious enough to show us how many different medications

Campus Organization News

New Frontiers For APhA-ASP

Soniya Tambe
APhA-ASP President

APhA-ASP has been busy this winter with a number of exciting initiatives and new frontiers. Our students have been actively involved in a number of patient care, professionalism, and legislative events and their efforts are coming to fruition.

Our PhAMLI program has been mentoring undergraduates from a number of local colleges including San Francisco State, UC Berkeley, UC Davis, and now San Jose State. These students have gained valuable insight into pharmacy by attending campus events, dropping in on classes, and interacting with pharmacy students. Project Immunizations has been busy with a number of health fairs where they administered flu vaccinations throughout flu season. Tobacco Awareness Project has been exploring new frontiers by working with several UCSF students and faculty to participate in a weekly smoking cessation information series. Project HIV participated in World AIDS day and raised funds for AIDS research. Project Generation Rx has been very active this quarter from attending health fairs to helping coordinate the Clinical Toxicology elective.

Early in February over 30 P1s, P2s, and P3s attended the CPhA Outlook Conference in Sacramento. They attended and participated in policy-changing initiatives at the CPhA House of Delegates, and in the process gained new insight into the current issues important to California pharmacists.

AMCP Explores Professional Opportunities

Maher Abdel-Sattar
AMCP President

Our AMCP chapter has been blown away by the interest level of student pharmacists to learn about internship opportunities in managed care and industry. In response to this increased demand, our chapter started off the winter quarter by inviting many UCSF students with previous internships in industry and managed care to talk about their respective experiences. The 35 potential applicants who attended this event definitely appreciated the useful advice that their peers had to share about opportunities in companies such as Genentech/Roche, MedImmune, Actelion, McKesson, and Epocrates.

The local Pharmacy and Therapeutics Competition (P&T) at the end of January was also one of the highlights for AMCP this quarter. With a new record of 8 teams completing the competition, our judges were extremely impressed by the level of dedication apparent in all submitted monographs. They were further awed by everyone's oral presentation skills and ability to answer very tough and detailed questions challenging each team's decision regarding the placement of dabigatran (Pradaxa) on the formulary. The competition was very close this year, with the top two teams being...

First Place: Jason Choy (P3), Alan Jew (P3), Marissa Hom (P1), and Jean Rao (P1)

Second place: Robby Glenn (P3), Ngoc Nguyen (P3), Bo Hwang (P1), and Allison Komerinko (P1)

The first place team has submitted their materials for consideration to compete in the National P&T Competition at AMCP's Annual Meeting and Showcase, which will be conven-

iently hosted at the Moscone Center in San Francisco from April 19th to April 21st, 2012. We wish them all the best of luck and hope that you can join us to cheer them on!

AMCP also joined forces with ASSP to offer an exciting site visit to McKesson Robotics & Technology Solutions Vision Center. The visit was another huge success! Our chapter also invited a wonderful medical science liaison from Genentech by the name



First Place (from left): Jean Rao, Alan Jew, Marissa Hom, and Jason Choy

of Dr. Peggy Han to talk about her unique role as a PharmD in industry. We will conclude the winter quarter with our annual AMCP banquet, where the winning P&T team will present one last time to an audience of UCSF alumni, faculty, and fellow AMCP members. The banquet will also serve as an opportunity

Campus Organization News

SNPhA: Making A Difference

Krishna Shah
SNPhA President

SNPhA ended a successful fall quarter with a food drive for San Francisco Food Bank. As a school, we raised over 300 pounds of food for those in need during the holiday season! I want to thank each and every one of you for donating food, money or both. This event could not have been successful without all of your generous donations. The class that collected the most food was the first-year class, so congratulations to them! They received a check for \$150 to their class account.

This quarter, we invited Dr. Kuang from Walgreens to speak to SNPhA members on how to continue serving the underserved after graduation. She spoke to 15 students about the many ways that she stays involved in her local community. For example, Dr. Kuang is partnering with a church to hold a blood pressure screening event for patients who do not have health

insurance. She is an excellent example of how it is possible to continue giving back as a pharmacist and to establish a tight-knit community. We hope that Dr. Kuang inspired some SNPhA members to take action and make changes in their own communities.

This week, SNPhA will be hosting Health Disparities Week where we address various issues in our current healthcare system and how to make changes for the better as pharmacists. We will be hosting a talk on a pharmacist's role in international health and we will show a movie that addresses some pressing topics in health in our country today. If you are interested in health disparities, come to the events to learn more.

We hope you all are having a wonderful winter quarter and take some time to relax during spring break. See you next time!



SNPhA members and non-members pitched in to help raise 300 pounds of food for SF Food Bank!

Visit SNPhA's website at:
<https://sites.google.com/site/snphaatucsf/>

Busy Winter For CSHP

Thu Doan
CSHP President

Winter was a spectacular quarter for the CSHP-UCSF Student Chapter. The year started out strong with Clinical Lunch Talks, led by our P1 representatives, where student pharmacists received the exposure to different areas of clinical pharmacy. Additionally, our collaboration with OCPD gave students opportunities in professional development through talks on internships and networking at conferences.

In January, we had our second annual Mock Interviews. Working with 11 alumni pharmacy managers and directors, our Public Relations officer Austin Ngo, and the Pharmacy Alumni Association helped 58 students strengthen their interview skills internship interviews. The program allowed them to receive a one-on-one interview with an alumni pharmacist who critiqued their performance. As the internship market becomes tougher, Mock Interviews greatly helped students perform better and gain confidence.

In early March, VP of Community Affairs Tracy Trang led our health fair at Marlton Manor. Working with preceptors from GGSHP, several projects including Brown Bag, GAP, and Opera-

tion Diabetes provided screening and information to the underserved community in the Tenderloin. On March 1st we had our



Student pharmacists enjoy a CSHP lunch talk

largest roundtable event of the year, Mentor Night with the Pharmacy Alumni Association. With the "ask anything" policy, students not only learned more about a variety of specialties, they were

able to delve into the lives of a UCSF Pharmacy alumni..

CSHP-UCSF will continue its mission with a new and talented cabinet for the year 2012-2013. We congratulate and welcome these new leaders, and I am confident this new group will have great things in store for our chapter. We look forward to a year of extraordinary events and professional development!

Campus Organization News

LAPS: Serving Our Community

Lesley Joanna Vásquez
LAPS President

¡Hola my wonderful colleagues! I am happy to report that we successfully ended last quarter with our Milagros de México health fair. We would like to thank our Community Outreach Chair **Pedro Medina**, along with **APhA and NCPA** for helping to bring screening services to the Latino community in Oakland.

Other highlights from our eventful winter quarter included our second annual tamales fundraiser/workshop, which was a big hit thanks to the hard work of our Social/Cultural Chair Massiel Trujillo. We made over 300 tamales with green and mole salsa.

On February 25th, LAPS hosted our 9th Annual Undergraduate Outreach Conference. The goal of this conference is to motivate underrepresented students to pursue a career in the health sciences, including pharmacy. A special thank you to our Community Educating and Mentoring Chair **Francisco Ibarra** for all of his hard work in ensuring the success of this conference, and to the Chancellor's endowment fund for sponsoring this event. Continuing in the spirit of community outreach, thanks to the diligent planning of **Pedro Medina**, I am ecstatic to

report that on March 10th we will be hosting a health fair at La Raza community resource center in the Mission district. We are thankful to **APhA and NCPA** for helping us carry out our mission statement of bringing health services to the medically underserved Latino community of San Francisco.



LAPS hosts the 2nd Annual Tamale Workshop

Finally, we will be having our elections on March 8th. We are excited to see who will be the next leaders

for the 2012-2012 school year, so stay tuned amigos!

Student Focus

Each quarter during the 2011-2012 school year, the Therapeutic Window will profile a student pharmacist from one class. This quarter we present Pan Pan Wong from the Class of 2013:

I would describe my path to pharmacy school as somewhat non-traditional. In my undergraduate studies, I majored in biology because of my interest in health care. Over the course of those four years, I became increasingly interested in health disparity issues through my coursework and outreach activities. These experiences inspired me to become more involved in helping the underserved. Speaking with a Teach for America recruiter during my senior year made me realize the academic achievement gap that is happening in this country. Motivated by the opportunity to make a difference in an underserved community, I decided to accept a high school teaching position in the South Bronx in New York City for several years.

Teaching in this community was a true eye opening experience. For example, majority of my students who were reading and writing at a 5th grade level, were expected to pass a 9th grade standardized science exam in order to graduate. Unlike some teachers who had the traditional training background in education,



P3 Pan Pan Wong

I had to learn how to manage my class and how to teach the content all on the job. For three years, teaching was my life. I was either brainstorming ways to make content easier to understand for all of my students, calling parents, making worksheets, or grading assignments. Despite all these efforts, it was indeed one of the most rewarding and worthwhile experience of my life. Not only were my students able to pass the state exam, they also gained an appreciation for learning science.

Even through my teaching experience, issues of health disparity continue to re-emerge. There were students diagnosed with medical conditions such as asthma or ADHD, but they were unable to obtain medications. Furthermore, several of the students did not understand the importance of their medicine and were therefore noncompliant. Some even had asthma exacerbations in school. I feel helpless watching students with great potential not succeeding in school because of their uncontrolled medical conditions. These moments help me realize the important impact that pharmacists can have on patients. It was through these personal experiences that led me to where I am today. I hope to utilize my knowledge and skills to help patients take an active role in their health.

Fraternity News

Phi Delta Chi Winter Wrap-Up

Kaelynn Wang
PDC Worthy Chief Counselor

Phi Delta Chi started winter quarter with the annual Tahoe Retreat. Conditions were perfect as the Brothers and Pledges enjoyed a weekend of snowboarding, skiing, relaxing and bonding over food and games.

With the pledging process in full swing, Brothers and Pledges alike participated in numerous social and professional activities to foster connections among our members. Guided by pledge coordinators **Tina Tran** and **Lena Yoo**, our PDC pledges were very successful and creative in planning their events this quarter. They held a fundraiser which raised over \$500 for the fraternity and our philanthropy organization, St. Jude's Children's Hospital. They also provided advice and mentorship to the UC Berkeley pre-pharmacy society, and conducted a training session for our Safe Medication Disposal Project.

Our PDC Board of Pharmacy lunch talk series this quarter focused on the Pharmacists' Drug Recovery Program. We were privileged to have guest speaker Dr. Pierre Del Prato provide insight to the topic of drug addiction/abuse within the profession and ways to find and offer help.

As the quarter comes to an end, we are proud to welcome 30 newly initiated Brothers into Phi Delta Chi. This past year

has provided invaluable memories and growing experiences for the fraternity, and we look forward to the opportunities that lie ahead.



Phi Delta Chi members retreated to Tahoe for some snowboarding, skiing, relaxing and bonding with Brothers and Pledges

Visit the PDC website at: <http://rco.ucsf.edu/index.php/phidelt>

Kappa Psi: The Spirit Of Brotherhood

Allison J. DePaul
KY Corresponding Secretary

After Kappa Psi closed out the fall quarter with bowling, winter quarter took off with KY history lessons and community service opportunities for all pledges. Bowling brought brothers and pledges closer together just in time for the holiday season. Their unity was on display at our first ever Kappa Psi Lock In. At this event, pledges were "locked" in the S-rooms with P2 and P3 brothers for several 15-minute rotations. Each room had a specific activity to promote bonding and to allow the pledges to get to know more brothers. Without giving all the secrets away, it was a night many brothers and pledges will always remember!

Throughout the quarter, pledges have participated in community service events, such as habitat restoration in Lands End and the Presidio, and helping out at the Glide Memorial soup kitchen. After being slammed with exams, pledges, P2, P3, and even some P4 brothers dressed up for our annual fraternity composite photos. Next on the KY calendar are a few traditional events, as well as initiation. The big night is almost here and we can hardly wait for our special pledges to become our brothers.

Organized as a joint event with PDC, this year's pledge party at Roe nightclub is sure to be a hit. Normally a closed fraternity event, the 2011-2012 KY pledge class demonstrates respect for their fellow students pharmacists and their unity as a class as they join PDC pledges and brothers to celebrate one of their last nights



From Left: Robby Glenn, Brandon Cha, Lana Young, Aline Lieu, Shogo Miyagi enjoy the KY Bowling Event

as pledges. We look forward to big things from this class — not only as brothers, but also as student pharmacists and leaders.

Fraternity News

Rho Chi: Unraveling The Mystery

Carolyn Robinson
Rho Chi President

I know that I heard rumors of Rho Chi as a P1/P2, but I really didn't know what it was. Rho Chi (RX) is a national academic honor society in pharmacy. It was established in 1922 and UCSF founded its Alpha Lambda chapter in 1949, so we have been going strong for 63 years. This is our mission statement: "The Rho Chi Society will achieve universal recognition of its members as lifelong intellectual leaders in pharmacy. As a community of scholars, the Society will instill the desire to pursue intellectual excellence and critical inquiry to advance the profession. The Society encourages and recognizes excellence in intellectual achievement and fosters fellowship among its members. Further, the Society encourages high standards of conduct and character, and advocates critical inquiry in all aspects of pharmacy."

Another reason Rho Chi is not well known is that you cannot apply to be a member. Members are chosen based on excellent academic performance. About 24 students from each class will graduate as part of Rho Chi. The first 12 will be initiated in fall of P3 year, while the next 12 will be initiated in fall of P4 year.

Our chapter's main project (with the help of Phi Lambda Sigma) is to manage an online wiki for APPE rotation sites, which is mostly used by P3s/P4s. We hope to improve upon the

content of the wiki in the next year, but we will need the help of our students on rotation. We populate the site with content submitted by students; therefore it is the student perspective of what you really need to know before you start. You can also check the site for information before you do your APPE rankings if you are looking for more information.

You can find our wiki by logging into myaccess.ucsf.edu. Make sure all your apps are visible, then choose the last option on the page "Wiki@UCSF." Our wiki is titled "School of Pharmacy Phi Lambda Sigma/ Rho Chi Guide to Advanced Pharmacy Practice Experiences."



The Rho Chi Key Pin

Visit the Rho Chi website at:
<http://rco.ucsf.edu/index.php/rhochi/index/>

Phi Lambda Sigma: Refocusing Leadership

Caroline Lindsay
Phi Lambda Sigma President

Phi Lambda Sigma's Leadership Bonanza was a huge success! We welcomed our beloved Dean Mary Anne, as well as UCSF Residency Director Cathi Dennehy and Associate Dean and OSACA Director Cindy Watchmaker, to speak about the importance of balancing leadership and academics. Mary Anne smiled as she told students of her pride in our accomplishments, but reminded us that learning to say "no" to activities is an equally important part of our development. Dr. Dennehy gave a similar message, which was powerful coming from a residency director. Students feel the need to add lots of activities to their CVs, but quality is much more important than quantity for post-graduate opportunities. Lastly, Cindy recounted stories of students who have become so bogged down in leadership positions that they have forgotten their pledge in the Oath of the Pharmacist, "to improve my professional knowledge and competence."

On a personal note, becoming involved in professional organizations was the single most important thing I did as a student. I hope that I can continue my professional involvement as a pharmacist. Some of my biggest lessons in pharmacy school

stemmed from my mistake of over-committing myself as a P2, and as a result, I took on fewer leadership opportunities as a P3 and P4. Yet I remained involved, because I was passionate about the mission of each organization. Through my involvement with the California Pharmacists' Association, I met so many inspirational pharmacists in other areas of practice, some of whom I now consider my mentors. So I encourage each of you to seek out leadership opportunities that align with your personal goals, and give your strongest effort to improving the status quo. And improving does not necessarily mean planning more events! It could mean cutting events so that you tailor your time to meaningful experiences.

As I move towards graduation, I look back at my fondest memories from pharmacy school. Many of these were the health fairs I attended where I educated patients on healthy lifestyles or administered flu shots. These are the experiences I know were worth the time away from studying. So my advice is this: find your passion, set goals for your professional life, and strive to do your best in each. Every student at UCSF continues to impress and inspire me, and I know I will be proud to call each of you an alumnus someday!

clinician absolutely holds human life in his/her hands, which is both a terrible and awesome responsibility. Despite this, in my experience, the degree of pressure that UCSF students place on one another is unprecedented. I receive daily messages from students with up to 10 superlatives listed in the signature files of their email accounts. I've heard students become despondent over a B grade on one exam in one course or the loss of even a fraction of a point in an objective structured clinical exam (OSCE). I've seen officers in our numerous professional organizations and projects work themselves into an exhaustion trying to top the results from the year prior.

These aren't the characteristics of change agents – and change agents are what we need to do things better in pharmacy education, pharmacy practice and health care in general. We actually learn very valuable lessons through the mistakes that we make. And if we never make – or have the space to make – these mistakes then we miss the opportunity to grow stronger from these. I'd like to see our very talented study body be more embracing of change; actively seeking solutions to the challenges ahead but without being paralyzed by a fear of failure. And that includes being more flexible and experimental in our approaches to education.

4) Can you expand upon your thoughts of Learning in the Negative Space?

On the surface, students' opinion of the faculty here at UCSF may be misled by our bios which depict our education as well as our grant proposals. What students don't realize is that each of us has experienced our own failures, misaligned our priorities, stayed in a job too long, been scared to embark upon a nontraditional path, and we've used those experiences to become the people we are today. Maybe the intense and competitive nature of getting admitted to a program like UCSF, where the halls are filled with photos of Nobel Prize winners, propels the myth that we need to hide these "learning opportunities." However, I would like to think that students as talented as ours wouldn't let fear of failure impede their creativity. So consider the experience of a serial failure, the late Steve Jobs. At various stages of his life, he was a college dropout (a failure!), fired executive (a failure!) and unsuccessful businessman (a failure!). In the end, he was able to show how these "failures" can end up being the best thing that ever happens. I wouldn't be at all surprised if UCSF harbors a talent as remarkable as Steve Jobs – so please watch your OSCE videos (and watch your colleagues' videos), consider your IPPE reflections very carefully, delete a few (or more) lines from your email signature, and don't sweat the small stuff. As Coach Rick Pitino once said, "failure is fertilizer" and I think we need fertilizer to grow to our full potential.

ASSP President-Elect

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demic Affairs, **Lena Yoo**, congratulations to you for organizing a successful faculty breakfast, elections info sessions and P1 elections! To my VP of Professional Affairs, **Nghi Ha**, you definitely kept it proFRESHional with résumé workshops, Pharmacy Alumni Homecoming and McKesson's tours. Keep it fresh!

To my VPs of Social Affairs, **Kayla Sakimoto and Kevin Park (KP)**, you guys have helped us to have opportunities to take a break from the books. From Orientation clubbing, to the welcome picnic, the formal, Alumni Trivia Night and the P3 Sendoff – you guys have definitely made a positive fun impact on the school!

To my secretary, **Samantha Lee**, you have been "golden" this year, from flawlessly planning our favorite Bagel Days, student of the quarter awards and managing the beast that we call the ASSP Calendar.

To my treasurer, **Jeannie He**, thank you for always being diligent and making sure that everyone got their reimbursements.

To my historian/webmaster, **Ray La**, you've done a wonderful job documenting all our events this year. I am sure everybody is thankful for your photography skills.

To my *Therapeutic Window* editors, **Chad Rockwell and Ryan Beechinor**: the *Therapeutic Window* has never looked better! (If the school only knew what my articles looked like before your proofreading and editing!) You guys have gone beyond expectations and innovated with adding student spotlights. It has been an honor to work with you all and I wish you all the best.

NCPA

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are compounded and tell us why his business has done so well. The site visit exposed students to the benefits of pharmacy ownership and how to operate a successful business.

As the outgoing NCPA president I wanted to give thanks to our outstanding cabinet and amazing Project Wellness coordinators for all their hard work. You have made this the best year ever!

AMCP

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to celebrate the great successes of the 2011-2012 AMCP cabinet who worked tirelessly to plan and put on all these wonderful events throughout their term.

I will close by expressing my deepest gratitude and respect for each one of the outgoing cabinet members, including Tien Ho (President-elect), Xixi Cheng and Tony Lee (VPs of Professional Affairs), Kevin Park (VP of Public Membership/Relations), Katya Kurdyukova (VP of Health Policy & Advocacy), Lisa Lam (Outreach & Collaboration Coordinator), Whitney Wang (Secretary), Nicha Tantipinichwong (Historian), Michael Blatt (Webmaster), Oliver Ubeda (Treasurer), Brian Lee & My Hanh Huynh (Senior Advisors), Benjamin Parcher & Judie Sang (P1 Representatives), and of course Dr. Glenn Yokoyama (faculty advisor). Thank you all for your support!