

UC San Diego Skaggs School of Pharmacy & Pharmaceutical Sciences Newsletter

Summer 2014

Introducing Our New Dean James H. McKerrow, PhD, MD

"We are pleased to announce that James H. McKerrow, PhD, MD, will serve as the second Dean of the Skaggs School of Pharmacy and Pharmaceutical Sciences. Dr. McKerrow joined UC San Diego on July 1, 2014.



Dr. McKerrow was previously a professor of pathology and director of the Center for Discovery and Innovation in Parasitic Diseases at UC San Francisco. From 2003 to 2012, he also served as vice chair for research and education in the Department of Pathology.

An expert in the area of neglected tropical diseases, Dr. McKerrow also brings to this role a wealth of experience in natural product research, and drug discovery and development. His keen interest in these areas will help bring together cross-disciplinary researchers at UC San Diego and in the community – in global health, infectious diseases, biology and chemistry, and drug development programs – all of which are of strategic importance to the Health Sciences and the UC San Diego campus.

He is an alumnus of UC San Diego, where he earned his PhD in biology in 1973, focusing on peptide chemistry and molecular genetics. He went on to receive his MD from SUNY, Stony Brook, where he did his internship in Internal Medicine. He completed his residency in pathology at UCSF, where he was chief resident from 1979 to 1980. From 1980 to 1981, he continued at UCSF as a postdoctoral fellow and clinical instructor, moving on to become an assistant (1981-1987), associate (1987-93) and full professor (1993-present) in the Department of Pathology.

He is an active teacher and mentor in graduate and postdoctoral programs, lectures to medical and health profession students, and has hosted underrepresented students each year for summer research internships. Committed to fostering science education in the community, he gives talks each year to grade school and high school students, and has presented three public lectures in the "Ask a Scientist" series in San Francisco.

Dr. McKerrow has co-authored more than a dozen book chapters, published more than 250 articles, and been a keynote speaker at numerous conferences and symposia. His many awards range from teaching awards spanning over two decades at UCSF to the Gregor Mendel Honorary Medal from the Academy of Sciences of the Czech Republic, to the 2005 Distinguished Alumnus Award from SUNY, Stony Brook. He is a member of the American Society for Cell Biology, American Society of Microbiology, American Society of Biochemistry and Molecular Biology, American Society of Tropical Medicine and Hygiene, American Society of Parasitologists, and the American Society of Immunologists. He currently serves on the editorial boards of Chemical Biology and Drug Design and PLoS Neglected Tropical Diseases.

We are extremely proud to have a physician-researcher of Dr. McKerrow's broad experience and expertise and as new Dean of the Skaggs School. We also want to take this opportunity to thank Dr. Palmer Taylor – though certainly not for the last time – for his visionary leadership in the establishment of the Skaggs School and his outstanding service to the University as its founding dean. We know that the transition to our new dean in July will be a seamless one, and one that will allow the faculty and students of the Skaggs School to continue to excel and thrive in their academic, research and clinical roles.”

Pradeep K. Khosla
Chancellor

David A. Brenner, MD
Vice Chancellor - Health Sciences
Dean of the School of Medicine

A Follow-Up Dialogue with Dean James McKerrow, PhD, MD

By Doreen Lacy

I was given the opportunity to speak with Dr. McKerrow about his thoughts on his first 60 days as Dean of SSPPS. Dr. McKerrow was enthusiastic as he spoke about his visits to the different UC San Diego clinical sites and his research goals for the school. One of his goals is to broaden global awareness of NTD's (neglected tropical diseases) and for SSPPS to be the premier leader from discovery science to implementation and epidemiology. He also has a vision of more multidepartmental research collaborations at UC San Diego as well as with outside companies such as Novartis, Jansen and Calibr. He is excited about the PhD/PharmD program here at SSPPS and wants to prepare the students for the new challenges pharmacists face in the future, as part of the medical team approach to health care. Dr. McKerrow has great interest in the Drug Discovery Institute (DDI) lead by Dr. Mike Gilson and the impact it has on the campus and community.

Please join us in warmly welcoming him to SSPPS! We look forward to his great leadership.

Student News

The Highlight of Our Summers: A Week at SCAMP Camp

By Jenny Han, P-1

On June 22nd, nine eager Student Pharmacists from UC San Diego including myself, headed up to YMCA Camp Marston in Julian, CA to volunteer at the 41st annual Southern California Asthma Management Program Camp, more commonly known as SCAMP Camp. For six days, we worked with the American Lung Association and a team of Nurses and Respiratory Therapists to distribute medication, teach asthma



education, and partake in dissecting pig lungs to help children with moderate to severe asthma maintain a healthy and active lifestyle. Not only were children empowered with knowledge, but also deep friendships were formed as the kids helped and encouraged each other while playing in outdoor activities that they otherwise might not be able to participate in due to their asthma.

This is the 4th year of UC San Diego Skaggs School of Pharmacy and Pharmaceutical Science Pharmacy Student involvement as part of the medical volunteer staff at SCAMP Camp. We were paired with one or two cabins and were in charge of administering each child their medication morning, noon, and night. With individualized attention, we taught the kids proper inhaler technique, made sure each child swallowed their pills, rinsed their mouth after inhaling a corticosteroid and checked up on how each child was doing. Apart from the daily medication administration, we presented asthma education sessions teaching the critical differences in asthma medications such as short-acting rescue inhalers and long-acting corticosteroids. We also helped the kids identify and recognize their asthma triggers to prevent asthma attacks. And to give the kids a real hands-on approach to learning about their asthma medication, the pharmacy students helped dissect pig lungs to demonstrate the location of airways that constrict due to asthma. Even with the blood clots the kids had no problem getting down and dirty (with gloves, of course)!



On Wednesday, our pharmacy team gave a presentation to the medical volunteer staff consisting of physicians, nurses, and respiratory therapists during a dinner hosted by TEVA. Volunteers in the audience were invited to show their inhaler technique and were scored by judges Dr. Welch and Lorene, American Idol style. Proper inhaler technique and key counseling points were provided for the following: metered dose inhalers with and without the use of a spacer, Advair Diskus, Pulmicort turbohaler, and the peak flow meter. We all had a grand time critiquing each other's technique and sharing knowledge.

For the first time, the pharmacy students engaged in “elevator talks” with our preceptor, Dr. Morris. We discussed various topics each day after breakfast such as emergency asthma medication, corticosteroids, and antihistamines. In these short talks we were able to deepen and test our knowledge on asthma medication.

When we weren't busy creating asthma action plans, helping kids identify triggers for their asthma, or pointing out the alveoli in pig lungs; we were seen playing intense games of gaga, shooting arrows at the archery range, braiding friendship bracelets, playing heated games of Mafia and Saboteur and of course, stuffing our faces with renowned Julian pie. Finally, on Friday with hearts and tummies full, we said our goodbyes and headed home—a bittersweet ending. We look forward to coming back next year and hope to expand and apply our asthma medication knowledge even further.

We would like to thank Dr. Michael Welch, Lisa Archibald, and our preceptor Dr. Tim Morris for organizing and educating us. A special thanks for our CSHP-UC SAN DIEGO past president, Alan Chin; current CSHP-UC SAN DIEGO president, Sarah Brown; and to our 2014 SCAMP Camp pharmacy volunteer team: Nicole Tomboc, George Zhang, Jecedthel Dumpit, Kevin Pham, Johnny Zhou, Tran Le, Stephanie Kim, Sarah Brown and Jenny Han.



A Look Into the AACP Annual Meeting 2014 in Grapevine, Texas

By Crystal Zhou, P-4

The American Association of Colleges of Pharmacy (AACP) holds an annual meeting each summer to allow faculty, staff and administrators from pharmacy schools all over the country to gather together and share ideas. Each year, Walmart also sponsors around 80 students and their mentors to attend the AACP Annual Meeting so that they can learn more about a career in academic pharmacy. This year, I was very fortunate to have been selected as a Walmart Scholar and provided with the opportunity to attend such an enlightening meeting with my Walmart Scholar's Mentor, Dr. Felix Yam.

My weekend at the AACP Annual Meeting 2014 in Grapevine, Texas, started on Saturday morning, July 26th, with the Walmart Scholars' Orientation. When I first stepped into the ballroom, the air was filled with excitement and the room with Walmart Scholars who were eager to soak up every bit of information available at the conference. Our first introductory ice-breaker, where we had to share one interesting fact about ourselves, allowed the students to get to know each other better and bond over our common interest of academic pharmacy. The orientation was definitely a great way to start the weekend.

After the orientation, we were challenged with the question "What do your teaching tires need?" At this welcome session, Patrick T. Jackson from American University redefined the three different ways of learning: "knowing that, knowing how, and knowing within." "Knowing that" refers to the conventional way of learning through lectures, which is what most students are familiar with. "Knowing how" refers to active learning through workshops, labs, and conferences. This type of learning requires students to physically do something in order to "know how" to complete the task. The last type of learning, "knowing within," is a type of learning that can only be gained through experience and mentorship. "Knowing within" is very similar to the learning that is encountered through clinical rotations and clerkships. As I progress through pharmacy school, my way of learning has switched from "knowing that" to "knowing how" during my first three years and finally to "knowing within" during my fourth year of school on clinical rotations. By putting it in simple terms, Dr. Jackson helped me realize how important it is to teach well so that students will learn exponentially. Now that I know my entire fourth year of pharmacy school is based on "knowing within," I have tried to make every minute of my experience on rotations count towards learning something new or teaching something new through mentorship. After my weekend at the AACP Annual Meeting, I am even more motivated to pursue a career in academia.

I would like to thank my wonderful mentor, Dr. Felix Yam, for always providing me with helpful advice and teaching me so much over the past few years. I would also like to thank Walmart for sponsoring my trip, for without Walmart, this opportunity would not have been possible. Thank you!

Alan Chin To Receive the CSHP 2014 Student Leadership Award

The California Society of Health-System Pharmacists (CSHP) named the 2014 Student Leadership Award recipients in recognition of their involvement and contributions to CSHP and the professional of pharmacy. Additionally, the society has named the 2014 Student Leadership in Health-System Practice recipient, who is recognized for interested in pharmacy practice in health-systems and has demonstrated leadership ability. They will all be honored at CSHP's Seminar, being held October 30 - November 2, 2014 in San Francisco, CA.

The CSHP Student Leadership Awards are given to one student from each CSHP student chapter, and is nominated by each school's Faculty Student Liaison (FSL). The CSHP Student Leadership in Health-System Practice offers one award annually, and recognizes and celebrates the contributions of students who represent the very best attributes and accomplishments of CSHP student members.

This person is selected by the Practitioner Recognition Program Committee.

The 2014 Student Leadership Award recipients are:

Alan Chin, UC San Diego

Michael Chiou, CNU

Joel Christian, Loma Linda

Stephanie Hsia, UC San Francisco

Michelle Pham, Pacific

Ranjit Sidhu, WesternU

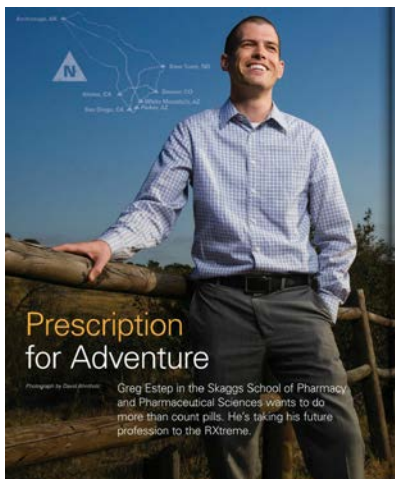
Christina Xie, USC

Edward Yoo, Touro

Alumni News

Our Own Greg Estep Featured in Discoveries Magazine

Photograph by David Ahnholz



Alumnus, Greg Estep, Class of 2014 is featured in *Discoveries Innovations in Research, Healthcare and Education*, Volume 5 / 2014. Greg shares his story on how he got from real estate to pharmacy student.

Greg is in Anchorage Alaska for a one-year residency at the local hospital. He is doing Arctic research with the U.S. Centers for Disease Control and Prevention. He says he is up for the challenge. We believe him!

Copies of the journal are available in the SSPPS Dean's Office come by and pick one up.

This article is from "Discoveries - Innovations in Research, Healthcare and Education", Volume 5/2014.

Clinical Faculty News

Welcome New Clinical Faculty

By Grace M. Kuo, PharmD, PhD, MPH, FCCP



We are pleased to announce the appointment of new clinical faculty at Assistant Professor rank, Dr. Ila Saunders.

Dr. Saunders received a B.S. in Microbiology & Molecular Genetics from UCLA in 2001 and a PharmD in 2006 from UCSF. She completed a one-year Pharmacy Practice residency at UCSF in 2007 and a one-year Oncology Pharmacy Practice residency at the University of Texas M.D. Anderson Cancer Center in 2008. She is board certified in Oncology Pharmacy. Before joining UC San Diego Skaggs School of Pharmacy and Pharmaceutical Sciences, Dr. Saunders worked as a Clinical Pharmacy Specialist at MD Anderson Cancer Center in Houston, TX, where she also served as a preceptor for the PGY2 Oncology Pharmacy Practice Residency and a coordinator for the Stem Cell Transplant rotation. At UC San Diego Moores Cancer Center, Dr. Saunders will provide clinical services to patients in the Bone Marrow Transplant and Hem/Onc clinics. Dr. Saunders' teaching responsibilities are expected to be in the oncology therapeutics area and experiential training of students and residents.

Clinical Service Highlights

By Grace M. Kuo, PharmD, PhD, MPH, FCCP

- Dr. Jan Hirsch, Executive Director of Partners in Medication Therapy (PMT), reported that PMT provided Medication Education services [print media and website (MedEdUCSHIP.org)] and MTM patient screening services for the University of California Student Health Insurance Program (UCSHIP) across seven UC campuses
- Dr. Kelly Lee established a Collaborative Practice Adult ADHD clinic at UC SAN DIEGOHS with Dr. David Feifel
- Dr. Kelly Lee established a Medication Education Group for Intensive Outpatient Pain Psychiatry Clinic at UC SAN DIEGOHS with Dr. William Perry
- Dr. Kelly Lee established a PGY2 psychiatry specialty pharmacy residency training program
- Drs. Sarah McBane and Nathan Painter expanded clinical services within UC San Diego Family Medicine to include anticoagulation management in three clinics
- Dr. Candis Morello's clinical work was highlighted in *Endocrine Today*: (June 2014) <http://www.healio.com/endocrinology/highlights-from-ada-2014/pharmacist-led-clinics-improve-glucose-control-cost-savings-for-patients-with-type-2-diabetes>
- Dr. Renu Singh developed a new pharmacist-managed pilot clinic (the Diabetes and Cardiovascular Clinic) in the UC San Diego La Jolla Internal Medicine Clinic

SSPPS Research News

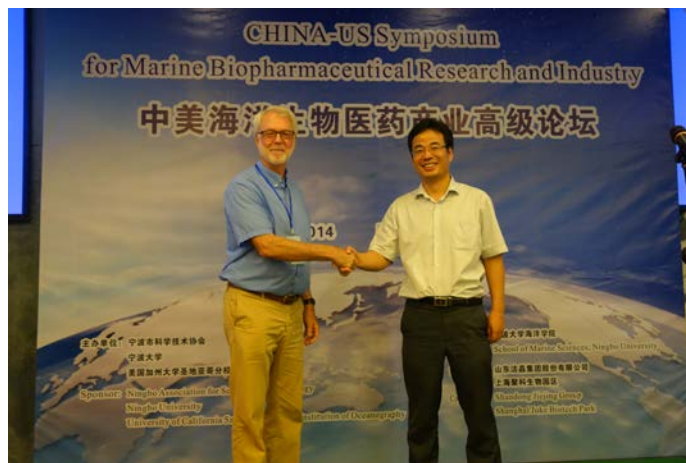
Two US-China Symposia in Marine Biotechnology Stimulate New Joint Research Initiatives

By William Gerwick, PhD

Two highly impactful symposia were held during the period of August 16-28; the First US-China Summit in Marine Natural Product Sciences in the coastal city of Yantai, China, and the First China-US Symposium for Marine Biopharmaceutical Research and Industry at Ningbo University, China. These were co-organized by SSPPS Faculty Member William Gerwick, and attended by several UC San Diego Faculty including Ted Molinski (SSPPS and Chemistry), Chambers Hughes (SIO), and Lena Gerwick (SIO). In general, the goals of both the Summit and ensuing Symposium was to further personal relationships between United States and Chinese scientists, thereby establishing new collaborative bi-national and bidirectional research and educational initiatives.

Over the past couple of decades we have witnessed an explosion in the development of research science in the People's Republic of China. To a considerable extent, gone are the days of poorly equipped laboratories in rundown buildings, modestly trained faculty, or poor educational standards. The modern PR China scientific community has access to world-class sophisticated instrumentation housed in architecturally modern buildings. The faculty are equally advanced in their approaches and underlining training, often the result of years spent in doctoral or postdoctoral programs in the US, Germany or other Western countries. As a result, they are engaged in a renaissance of world-class research and education as they mentor a new generation of Chinese scholars within the country.

Unfortunately, we scientists in the West know relatively little of this scientific revival in China, and there are antiquated and incorrect perceptions that Chinese science is somehow less rigorous or precise than that performed elsewhere. The reasons for this are many, but generally stem from the relatively little meaningful contact we have with each other. We may know the names on the papers, but in few cases do we know the people, their inspirations, capacities and passions. It was with this goal in mind, to overcome lack of knowledge of one another on both a personal and professional level, that this pair of high-level symposia was recently held in Yantai and Ningbo, China in the fields of marine natural products science and marine biotechnology. A vision was created from these meetings that while the Pacific Ocean may separate our two countries, study of that very same body of water and its unique life forms can serve as the inspiration to bring us together through collaborative research programs, personnel exchanges, and additional bi-national scientific meetings.



The former was attended by 15 researchers from leading research institutions across the US (U California, U Texas, U Utah, U Illinois Chicago, U Florida, Oregon State U, U Mississippi, U Wisconsin, U Hawaii), three international researchers and more than 50 Chinese scientists in the field of marine natural products, and featured more than 30 plenary talks on diverse topics in the search for new pharmaceuticals from the sea, novel methods of detection and isolation of bioactive compounds, and meeting the supply needs of natural products through advanced chemical synthesis, biosynthesis and fermentation approaches. The two-day Ningbo Symposium featured six US scientists along with an equal number of Chinese scientists and business leaders with an audience of more than 100 on how to accelerate the advancement of innovative marine natural products into the marketplace

US scientists were invited to participate in this Chinese national government and industry hosted event on the basis of their accomplishments and spirit of innovation in the natural products sciences, as well as their interests in developing new international cooperation research projects. An exceptional group of young, mid-career and senior US scientists were brought together to meet and interact with their peers in China so as to initiate a new dynamic of international cooperation and collaboration. Travel costs for the US scientists, most of whom reported on their National Institutes of Health supported research, was from a mixture of private donors and universities interested to promote greater awareness between scientists in the two countries as well as engage in science diplomacy. The Yantai Summit was co-chaired by Wen Zhang of the Second Military Medical University of Shanghai and the Ningbo Symposium by Professor and Dean of Marine Sciences Xiaojun Yan of Ningbo University. Chinese participants came from top-level institutions throughout China, including Shanghai Second Military Medical University, Qingdao Ocean University of China, the Shanghai Institute of Organic Chemistry, Chinese Academy of Sciences, Nanjing University, Peking University, Institute of Oceanology Chinese Academy of Sciences, Ningbo University, and the South China Sea Institute of Oceanology Chinese Academy of Sciences.

Several new research collaborations between academic scientists in the two countries were established over the course of the week. Additionally, the interface between US academics and Chinese biotechnology industries was strengthened through collaborative arrangements created during the joint meetings, for example, with the Shandong JieJing Group, the largest producer of sodium alginate in the world. Broad communication on the results of these meetings in China has helped to fuel momentum for these new initiatives, and stable funding was identified to continue both the US-China Summit on Marine Natural Products and China-US Symposium on Marine Biotechnology. In this regard, tentative plans are in place for a Second US-China Summit to occur at the Scripps Institution of Oceanography, UC San Diego Campus in La Jolla, California in August 2016.



UC San Diego News: Scientists Discover Neurochemical Imbalance in Schizophrenia

Here is a summary of the exciting research from a recent article in *Stem Cell Reports* (Sept. 13, 2014):

This study investigated human-induced pluripotent stem cell (hiPSC) -derived neurons for their ability to secrete neurotransmitters in an activity-dependent manner, the fundamental property required for chemical neurotransmission. Cultured hiPSC neurons showed KCl stimulation of activity-dependent secretion of catecholamines—dopamine (DA), norepinephrine (NE), and epinephrine (Epi)—and the peptide neurotransmitters dynorphin and enkephalin. hiPSC neurons express the biosynthetic enzymes for catecholamines and neuropeptides. Because altered neurotransmission contributes to schizophrenia (SZ), we compared SZ to control cultures of hiPSC neurons and found that SZ cases showed elevated levels of secreted DA, NE, and Epi. Consistent with increased catecholamines, the SZ neuronal cultures showed a higher percentage of tyrosine hydroxylase (TH)-positive neurons, the first enzymatic step for catecholamine biosynthesis. These findings show that hiPSC neurons possess the fundamental property of activity-dependent neurotransmitter secretion and can be advantageously utilized to examine regulation of neurotransmitter release related to brain disorders.

Vivian Hook, PhD, co-authors include Kristen Brennand, Yongsung Kim and Fred H. Gage, The Salk Institute for Biological Studies; Thomas Toneff, Lydiane Funkelstein, Kelly C. Lee and Michael Ziegler, UC San Diego.

SSPPS News

An Interesting Outreach By Binh Tran, PharmD

This was the first time we went to Bodhi Hill Center (Vien Quang Temple) in San Marcos for an important event of the Buddhist community. The Festival of Remembrances is the time for repentance, and by paying homage to the erring souls, hope to redeem the parents and all in the families who have passed away.

Most people vow to eat only a vegetarian diet during the seventh month of the lunar calendar. The temple has regular weekend Vietnamese language classes taught by pharmacist friends and their families, so this is an occasion to meet the new friends of the Asian Pacific Health Foundation.

The celebration was very beautiful, with a stunning program by the young students reciting poems in a procession to Monks, Retreaters and guests at the Festival.

The team of volunteers worked at the following stations:



- the Hepatitis B station: Karen Yu, Gary Tang, Mai Nguyen, Felicia Han, Caly Tran, screening 31 persons, with Phuong Anh as phlebotomist.
- the Bone densitometry station: Esther Park, Mandana Moshtael, Karla Petersen Ponce, Ethan Truong and Ngoc Nguyen.

Drs. Ton Tran, Hai Tran, Kim Dang, and Bryant Nguyen, cardiologist, attended to support the group.



Diabetes and Hypertension Screenings for an Elderly Indian-Asian Population By Renu Singh, PharmD, Khuswinder Gill & Danial Husain

Student pharmacists from the SSPPS offered a new health screening event at the Sikh Foundation San Diego (SFSD) in Poway on Sunday August 24th. Danial Husain, Cindy Lau and I screened over 55 adult patients, many of whom were elderly and lacking regular medical care. Each patient was offered a diabetes and hypertension screening. In addition, guidance on diet and lifestyle modifications and how to lower blood glucose and blood pressure (BP) was provided in both English and Punjabi. A color brochure was created in both languages to assist patients in understanding normal and high blood glucose and BP readings, and how Indian diets can be modified to reduce



carbohydrates and increase vegetable intake to improve glycemic control. Blood glucose levels screened ranged from 78mg/dL to 252 mg/dL. Three patients were advised to seek medical attention promptly for possibly undiagnosed diabetes. Three patients had Stage 2 hypertension, while twelve patients were in Stage 1 category for hypertension. Patients with blood pressures greater than 140/90 were encouraged to exercise, reduce salt intake, and followup with their primary care physician. Overall, the event was a success with much gratitude being expressed to the students and an invitation for the student pharmacists to hold annual health fairs at this location! We thank Dr. Singh for her guidance and preceptorship for this event, and the Pharmacy Practice course assistants (Teah Stacks and Adrienne Gomez) for providing loan of screening equipment.

From left to right: Dr. Renu Singh, Cindy Lau, Khushwinder Gill, Danial Husain at Sikh Foundation San Diego, Poway.

A Successful Lions Club-APHF Health Fair By Binh Tran, PharmD

The San Diego Lions Club organized a successful Health Fair with the collaboration of the Asian Pacific Health Foundation and other groups at Wesley First United Methodist Church on August 23rd. This was the first time the APHF joined the SD Lions Club on the invitation of Mr. Sac Nguyen, longtime co-worker with Binh Tran in the diagnostics research field in San Diego. In recent years, Mrs. Rose Tran was the former president, then Duke Tran continued the work, handling the Social Security Insurance aspects when attendees need help in this area.

The following services were offered free at the Health Fair:

- Visual acuity and Glaucoma screening
- Free reading glasses
- Diabetes and blood pressure checking
- Hearing screening
- Back pain assessment
- Massage therapy
- Cervical Cancer awareness
- Hepatitis B screening
- Bone densitometry
- Medical counseling
- Questions and answers on Social Security Administration and SSI.



A great number of attendees enrolled in the different services. Forty people were screened for Hepatitis B and 76 had their bone health checked in the early detection for osteoporosis conducted by student pharmacists from UC San Diego.

Present at the Health Fair:

From San Diego Vietnamese American Lions Club (SDVLC)

Rose Tran, Sac Nguyen, Duke Tran, Jayde Nguyen, Hong Loan Tran, members and volunteers, Other Lions Club in Greater San Diego

From Asian Pacific Health Foundation:

Dr. Robert and Mrs. Gish, Dr. Ton Tran, Dr. Hai Tran, Binh Tran, Kristiana Nguyen, Randy Jimenez, Gary Tang, Caly Tran, Karla Petersen Ponce, Felicia Han, Mai Nguyen, Syrone Powell, Ethan Truong

From Skaggs School of Pharmacy & Pharmaceutical Sciences:

Esther Park, Mandana Moshtael, Tuyet Phan

From UC San Diego at large:

Audiology Group, Shiley Clinic: Tim Mendoza and group

Clinics and Schools in San Diego:

Mai Bui, DC and Chau Tran, DC, Tra My Beauty School



We thank the organizers at SDVLC and look forward to similar events in the future to benefit the diverse communities in San Diego.

San Diego PharmNet Seminar By Binh Tran, PharmD

The Seminar on Transitional Care and Suicide Prevention organized by SD PharmNet at Skaggs School of Pharmacy and Pharmaceutical Sciences on June 11th was very informative and helpful as it touches on problems one would not discuss readily in all situations.

Dr. Grace Kuo, Director of SD PharmNet, invited speakers from the community and from the SSPPS faculty. The speakers were successively introduced by members working at diverse settings.

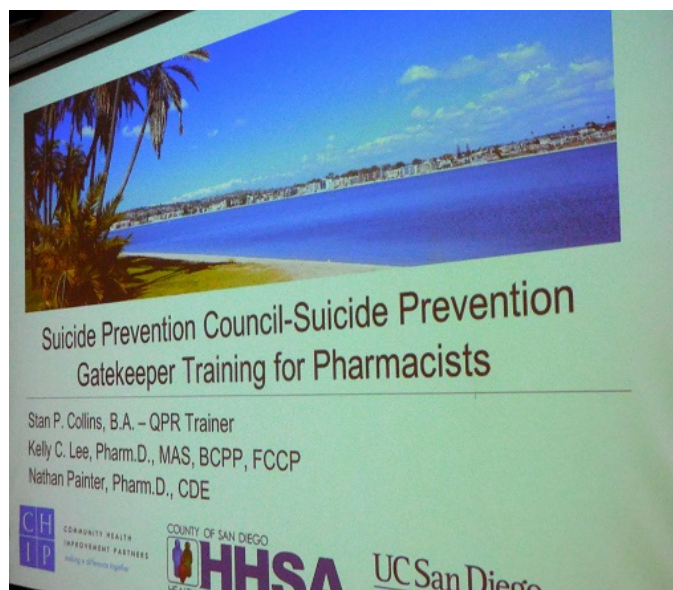
Dr. Bimal Patel introduced *John Sykora*, pharmacist owner of Abrams & Clark Pharmacy, who presented on the community pharmacist role in transitional care, and discussed training the next generation of pharmacists. John delineated the benefits for businesses, patients, and pharmacists, keeping perspectives on health care costs.

Dr. Jacky Lee introduced *Dr. Michelle Schlueter*, clinical pharmacist specialist at UC San Diego, who gave insights on the Pharmacist Managed Hospital-to-Home Program.

The next program on Suicide Prevention was discussed by a panel of three speakers.

Dr. Binh Tran introduced *Dr. Kelly Lee*, Associate Professor of Clinical Pharmacy, and Associate Dean for Assessment and Accreditation at Skaggs School of Pharmacy and Pharmaceutical Sciences, and *Dr. Nathan Painter*, Health Sciences Associate Clinical Professor at Skaggs School of Pharmacy and Pharmaceutical Sciences, and co-director of clinical pharmacy services at UC San Diego Family Medicine Clinics. Dr. Linh Lee introduced Stan Collins, who provided training on suicide prevention, especially geared towards pharmacists. "Everyone can talk to the person having suicidal thoughts", who may then abandon their original plans.

In closing, the audience was asked to be aware of suicidal thoughts wherever we go, and relay the Access & Crisis Line: **(888) 724-7240** to all who may need it.



UC San Diego & Pfizer Post-Doctoral Research Fellowship in Clinical Pharmacology – Oncology

The UC San Diego Skaggs School of Pharmacy and Pharmaceutical Sciences in conjunction with the UC San Diego Moores Cancer Center is pleased to announce that we are **now** accepting applications for our Postdoctoral Research Fellowships in Clinical Pharmacology-Oncology for 2015-2017.

The fellows will engage in pharmaceutical sciences research in quantitative pharmacology, drug discovery, drug development and clinical oncology at UC San Diego and at Pfizer Global Research and Development Oncology Business Unit, La Jolla.

All application materials must be submitted by Friday, January 15, 2015. Candidates selected for on-site interviews at UC San Diego Skaggs School of Pharmacy and Pharmaceutical Sciences will be notified in mid-February.

Candidates Requirements

Applicants must meet the following minimum qualifications: Pharm.D. or/ PharmD/Ph.D. degree or equivalent, awarded or in process and be licensed or eligible for California licensure as a pharmacist.

Prior pharmacy residency and/or equivalent clinical pharmacy experience is preferred.

For more information and fellowship aims and objectives, visit the website: <http://pharmacy.UC San Diego.edu/research/fellowships.shtml>

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