

UC San Diego Skaggs School of Pharmacy & Pharmaceutical Sciences Newsletter

Fall 2018

A Message from the Dean – James H. McKerrow, PhD, MD

Last week I had my third lunch with members of our first year class (P1). They were unanimous in their praise of the teaching prowess of our faculty. The teaching motivation and innovation of our faculty was one of the main reasons I chose to come to UC San Diego more than four years ago. I am therefore especially pleased to now welcome three new faculty members who already are contributing to the training and career success of our students: Laura Hart, Alex Luli, and Nimish Patel.

We are proud that one of our senior faculty, Dr. Jan Hirsch, has been chosen to be founding Dean of the proposed School of Pharmacy at UC Irvine. While we will undoubtedly miss Jan's clinical expertise and contributions to our strategic initiatives, this is the right time in her career to make this move and we look forward to a close collaboration between our two schools.

Our faculty and students continue to receive numerous state and national awards details of which you can find later in this Newsletter.



Student News

White Coat Ceremony - Class of 2022











SSPPS Welcomes the Newest Members of Phi Lambda Sigma Pharmacy Leadership Society- 120th Chapter, Epsilon Alpha

Selection for the SSPPS Phi Lambda Sigma chapter membership serves to recognize the outstanding leadership efforts of our student pharmacists, and all of the leadership development opportunities they provide to our student body. The four main goals of this society are to:

- Ensure the continuing availability of student and practitioner leaders for the profession of pharmacy.
- Acknowledge leadership achievement and award membership to leaders recommended by the Society.
- Enhance the talent, skill, and effectiveness of leaders for the profession of pharmacy.
- Support and encourage sustained leadership commitment.

To be eligible for Phi Lambda Sigma, student pharmacist leaders at SSPPS must have met all of the following qualifying criteria:

- Good academic standing,
- Full-time student in P3 or P4 year, and
- Minimum of three demonstrable leadership positions (past and current) that advance the profession of pharmacy.

Following the application process, 33 students met the criteria for this year's honor. On Thursday, October 11, 2018, SSPPS held the Phi Lambda Sigma Pharmacy Leadership Society induction and installation ceremony, officiated by Deans McKerrow and Morello, Dr. Mnatzaganian and PLS Member Officers. Each PLS member was presented a certificate acknowledging their leadership within their school and profession and an engraved PLS pin, and may wear the gold and green PLS graduation cord-- the only cord SSPPS recognized at graduation. Each year students meeting criteria can apply to become PLS members of SSPPS.



Michelle Lai receiving her PLS pin from Dr. Morello.



Natalya Ignatyeva receiving her PLS certificate from Dr. Mnatzaganian



Patrick Torres receiving his certificate from Dr. Morello



All students - PLS Class of 2018 with long time PLS Members Candis Morello and Christina Mnatzaganian

A Winning Year for CSHP-UCSD at CSHP Seminar 2018 in our Home Town

By Candis Morello, PharmD

CSHP-UCSD kicked off its 2018-2019 year with high achievements and honors at this year's California Society of Health Systems Pharmacists (CSHP) Annual Seminar Meeting held in San Diego, California, October 4-7. This year's Seminar, which was one of the most well attended meetings in the organization's history, was a wonderful opportunity for student pharmacists and pharmacists alike to learn, network and reconnect with others in the pharmacy field.

From the onset of Seminar, CSHP-UCSD members were heavily involved in all that the conference had to offer. On the first day two of our P4 students, Samantha Kim and Yuna Kim, competed in the Clinical Skills Competition; a challenging contest meant to test student's ability to evaluate patient cases and present clinical recommendations. As the winners of CSHP-UCSD's local competition, Samantha and Yuna made our school proud as they presented valiantly against students from pharmacy schools across the state.



Dr. Rabia Atayee, Han Dinh (P4), Emma Huynh (P4), Thu Le (P4), Tran Bao Nguyen and Dr. Ila Saunders socializing at the alumni mixer (P4)



A picture of our team as they were announced as the CSHP Seminar 2018 Quiz Bowl Winners.

Additionally, our student members also had the opportunity to participate in CSHP's annual residency showcase. Open to students of all graduating years, the showcase featured a variety of programs from across the country and allowed students the opportunity to learn more about post-graduate education from residency program directors and current residents.

The networking opportunities at the Seminar were abundant this year. In addition to the residency showcase, students had the opportunity to attend the annual UCSD SSPPS alumni mixer. Held at the Sheraton Hotel, this year's mixer was filled with a variety of students, UCSD faculty, UCSD alumni and various UCSD preceptors and was a fun and energizing way to connect and network with the UCSD family!

Another highlight from this year's Seminar came during CSHP's annual Quiz Bowl Competition. Led by a group of determined P4s, UCSD students battled other schools as they attempted to answer jeopardy style questions on topics ranging from oncology and cardiology to biostatistics and pop culture. After a hotly contested final question, our team came away with a first-place win for the first time in over five years! Congratulations to Carly Boyd (P4), Heba Diab (P4), Krystal Garrovillo (P4), Kaitlyn Kennett-Hayes (P4), Samantha Kim (P4), Yuna Kim (P4), Sirena Louie (P4), Brian Park (P4), Lillian Tao (P4), Briana Zimmers (P4), Anh Ta (P3) and Quynhmy Nguyen (P2) on their amazing win!

However, our chapter's success did not stop with Quiz Bowl as CSHP-UCSD was recognized by the CSHP Board of Directors as a 2017 Chapter of Distinction. Additionally, following in the footsteps of last year's success, CSHP-UCSD was once again honored in all three Student Chapter Community Service Project Award categories, taking home awards for our community service efforts in Asthma Awareness (led by Thuy Nguyen and Christie Hoang), Poison Prevention (led by Kaitlyn Kennett-Hayes) and Tobacco Cessation (led by Lillian Tao). Likewise, our outgoing president, John Wang was awarded the Student Leadership Award, which recognizes students who go above and beyond to contribute to both CSHP and the profession of pharmacy as a whole. Congratulations to all those who worked so hard to make CSHP-UCSD such a standout chapter!



Our winning Quiz Bowl team pictured with CSHP-UCSD advisors Dr. Candis Morello and Dr. Renu Singh.

Finally, during the final day of seminar, CSHP-UCSD members Maher Alhaja (P2) and Hailey Hirata (P2) had the opportunity to serve



CSHP-UCSD Past President, John Wang as he accepts his Student Leadership Award.

as delegates in the annual House of Delegates meeting. As active voting members, Maher and Hailey had the honor of attending both local and regional meetings to discuss this year's proposed legislation, learning about the legislative writing and reviewing process before getting to cast their vote at CSHP seminar. A special thank you to Drs. Jennifer Floyd, Marcie Lepkowski, Candis Morello, Mimi Nguyen and Anthony Pedalino for their mentoring and assistance during the delegate process!

CSHP-UCSD would like to thank CSHP and SDSHP for their work in putting on such a wonderful seminar this year as well as all of our members whose time and efforts were the reason for

our success and honors during this year's seminar. Thank you for a wonderful year and here's to another great one!

Congratulations Jincheng Yang

The **OPTUMRx** pharmacy student scholarship was awarded to **Jincheng Yang, PharmD** candidate, Class of 2019. The scholarship specifically recognizes students who have demonstrated academic excellence, leadership, and service and expressed an interest in managed care pharmacy while in pharmacy school.



CSHP-UCSD Receives CSHP Community Service Award for Tobacco Cessation

By Christie Hoang P3

For the sixth consecutive year, CSHP-UCSD was honored with the Community Practice Award for Tobacco Cessation! This award recognizes, on an annual basis, one student chapter's exemplary contribution to patient care in their community. Our continued achievements could not have been possible without the hard work and dedication of our talented student members, faculty, and community mentors/preceptors. Every year we primarily focus our efforts on the Great San Diego Smokeout outreach event and the Tobacco Cessation/Medication Management Clinic (TCMMC).

Each year, UCSD's APhA/CPhA and CSHP student chapters collaborate to organize the Great San Diego Smokeout Outreach. This event is modeled after the American Cancer Society's Great American Smokeout, a nationwide event held on the third Thursday of November that encourages smokers to quit for a day or take steps to quit for life. Our local outreach event empowers student pharmacists to educate patients in their community about the harmful effects of smoking and provide them with information and resources on tobacco cessation. With the help of recently retired Associate Dean, Dr. James Colbert, this 4-hour event was held at eleven different pharmacy locations throughout San Diego County on Friday, November 17th 2018. We look forward to continuing our annual tradition and success this year.

Under the guidance of faculty/preceptors, Dr. Timothy Chen for the Pacific Beach (PB) clinic and Drs. Michelle Hughes, Daniel Smalls, and Dalga Surofchy for the Downtown (DT) clinic, the two TCMMC teams composed of P3s are dedicated to serving patients in need of assistance with tobacco cessation and managing chronic diseases.

This program was piloted in 2013 at the PB clinic when Alumni Dr. Andrea Bechtold and Rebecca Kandilian envisioned providing tobacco cessation services to patients, eventually recruiting Dr. Timothy Chen to develop a program. After successfully setting up a program at the PB clinic in 2013, services expanded to chronic disease state management. In 2015, alumni Dr. Conor Bowman and the TCMMC team wanted to expand the program to the DT site and worked with alumnus Dr. Michelle Hughes and Dr. Timothy Chen to initiate the program at the DT clinic. With Dr. Chen's assistance, Dr. Hughes has been leading the downtown TCMMC team as their primary preceptor. Joining TCMMC is one of the unique opportunities offered at the UCSD Student-Run Free Clinic where student pharmacists are able to get experience in medication management and learn about delivering behavioral treatment to empower patients to improve their health. The opportunity allows students to apply clinical skills to real patient cases, an experience mimicking APPE rotations. We are proud for the establishment of this program for our patients and the learning opportunities created for our students at the free clinic. We look forward to our continued success!

Our program would like to take this opportunity to thank all the past teams for paving the way and especially:

1. The 2017-2018 student TCMMC team:
 - PB clinic: Lillian Tao, Brian Park, Yuna Kim, Courtney Moc, Elizabeth Duxbury, Emma Huynh

- Downtown clinic: Sirena Louie, Samantha Kim, Amber Nauman, Vanessa On
- 2. Dr. Chen for managing the PB program as well as training new preceptors to oversee the programs
- 3. Dr. Hughes, Dr. Daniel Smalls, and Dr. Dalga Surofchy for managing the Downtown TCMC program.
- 4. Dr. Eduardo Fricovsky for his ongoing support of UCSD Student-Run Free Clinic and TCMC.

During the winter quarter, the TCMC will be accepting applications. If you are interested and want more information regarding the application process, please contact Christie Hoang (cvhoang@ucsd.edu) and Dr. Chen (tic072@ucsd.edu).

Annual Skaggs Student Organizations Fair

By Kevin Nguyen, P3 & Nancy Kong, P3

On September 25th, all of the student organizations at Skaggs, led by ASP (the Association of Student Pharmacists) collaborated together to host the annual Student Organization Fair! As part of the P1 orientation every Fall, the ASP President and President-Elect present a brief overview regarding the different student organizations that they can join and highlight different ways for new students to get involved. After this presentation, the P1 students then attend the org fair and are free to mingle with current student org leaders to address any of their questions and learn more about the recruitment events that will be held during the upcoming first few weeks of school. This Fall, we had over 60 student leaders represent 12 different student organizations/local UCSD chapters:

- ASP - Association of Student Pharmacists
- AMCP - Academy of Managed Care Pharmacy
- APhA-ASP/CPhA - American Pharmacists Association
- ASCP - American Society of Consultant Pharmacists
- CPFI - Christian Pharmacists Fellowship International
- CPNP - College of Psychiatric and Neurologic Pharmacists
- CSHP - California Society of Health-System Pharmacists
- ECP - Entrepreneurs in Community Pharmacy
- KY - Kappa Psi Pharmaceutical Fraternity, Inc.
- LGBTQ-PhaM
- PILL - Pharmaceutical Industry Liaison Loop
- Serotones

ASP and all of the student organizations at Skaggs would like to thank the SSPPS Office of Student Affairs for assisting us with the event!



Academy of Managed Care Pharmacy (AMCP) board members posing in front of their poster board during org fair

CSHP Conference News

By Jenna Bastear

The annual California Society of Health-System Pharmacists conference was held in San Diego, CA from October 4th – 7th, 2018. SSPPS had a total of 35 representatives, including 4 faculty and 31 students. It was quite an exciting conference for our students as they came home with the big win in the 2018 Seminar Quiz Bowl (featured below). Students included: Carly Boyd (P4), Heba Diab (P4), Krystal Garrovillo (P4), Sirena Louie (P4), Kaitlyn Kennett-Hayes (P4), Samantha Kim (P4), Yuna Kim (P4), Brian Park (P4), Lillian Tao (P4), Briana Zimmers (P4), Anh Ta (P3) and Quynh My Nguyen (P2). Our student chapter also won all three categories of CSHP Community outreach awards for Tobacco Cessation, Poison Prevention and Asthma Awareness. Congratulations to all students! On October 5th, SSPPS alumni connected at an alumni mixer. It was a great opportunity to catch up with the Skaggs family, support the current students in their professional endeavors and appreciate the achievements of our alumni.



Carly Boyd (P4), Heba Diab (P4), Krystal Garrovillo (P4), Sirena Louie (P4), Kaitlyn Kennett-Hayes (P4), Samantha Kim (P4), Yuna Kim (P4), Brian Park (P4), Lillian Tao (P4), Briana Zimmers (P4), Anh Ta (P3) and Quynh My Nguyen (P2).

SSPPS News

Team HBV Collegiate Conference 2018

By Binh Tran, PharmD

The 10th Annual TEAM HBV Collegiate Conference 2018 was conducted successfully at the University of California – Los Angeles on November 2-4, 2018.

Highlights of the Conference at Ackerman Union Viewpoint Conference Room on November 3rd were the keynote speech on “*Epidemiology of Hepatitis B*” by Dr. Samuel So from Asian Liver Center at Stanford University, followed with excellent presentations from Team HBV National Advisory Board.

Nadine Shiroma spoke on "*Hepatitis B Discrimination and Advocacy*" relating the new Department of Defense Policy that exposes the Injustice of Deployment Status based on outdated HBV Policy.

A four-member group from Peking University Asian Liver Center presented their work on Inheritance and Innovation, with novel ideas on hepatitis B advocacy work.

Team HBV chapter from UC-San Diego with David Lam, Amanda Mar, Carol Mu, Nathan Nguyen and Nigel Zhang shared their outstanding work with Asian Pacific Health Foundation as follows:

Serving underprivileged communities is an important aspect of promoting healthcare education and awareness.

Often times, those living in underserved communities are not aware of health issues they may have, such as living with hepatitis B. Team HBV at UCSD works with the Asian Pacific Health Foundation, one of the largest health foundations in San Diego, to bring healthcare to these communities. Join us as we discuss what APHF does and see our own experiences with them in our journey to eradicate hepatitis B. We will also provide advice and tips on how you can make a difference in your community!

Dr. Sam So also commented that "a lot of great work was done in San Diego".

Thank you to Team HBV Advisory Board and members for a very informational and enjoyable Conference at UCLA.

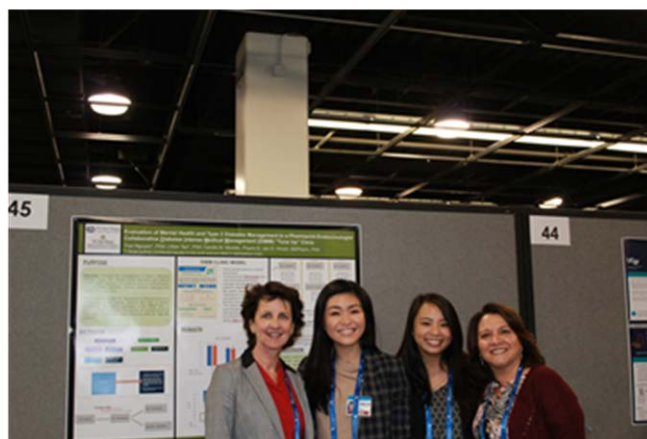
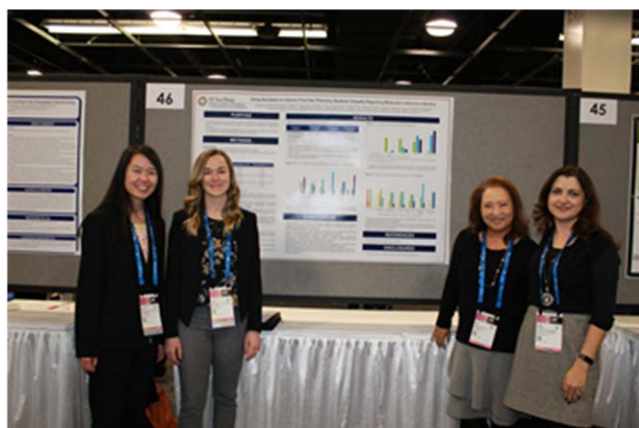


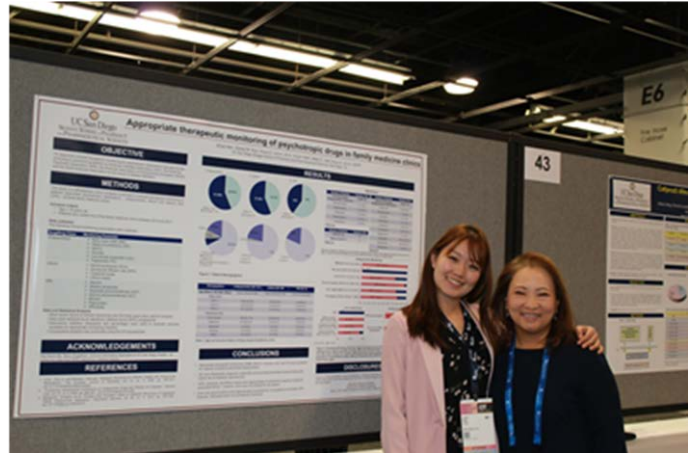
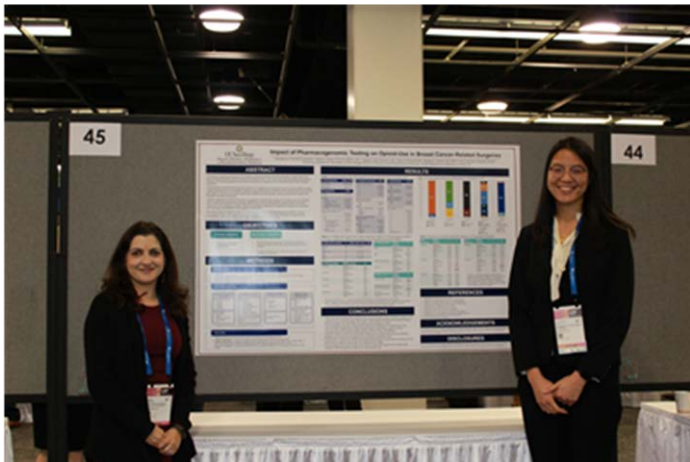
American Society of Health-System Pharmacists (ASHP) Midyear Clinical Meeting, 2018 (Anaheim, CA)

By Rabia S. Atayee, PharmD & Kelly C. Lee, PharmD

Congratulations to all of our SSPPS students and their faculty mentors on their research poster presentations at ASHP Midyear! What a great way to collaborate at a clinical pharmacy meeting and highlight the strengths of our research at SSPPS with our amazing students. Please see below for our student and faculty researchers and their research topics along with some great photos to capture the presentation events.

Student researchers	SSPPS Faculty mentors	Research topic
Tran Nguyen (P4) Lillian Tao (P4)	Drs. Morello and Hirsch	Evaluation of mental health and type 2 diabetes management in a pharmacist-endocrinologist collaborative diabetes intense medical management (DIMM) “tune up” clinic
Vanessa On (P4) Carly Boyd (P4)	Drs. Namba, Lee, and Atayee	Using simulation to improve first-year pharmacy students’ empathy regarding medication adherence barriers
Gordon Young (P4)	Drs. Tran, Hirsch, Tsunoda	Assessing the clinical utility of pharmacogenomic testing in transplantation
Trinh Nguyen (P3)	Drs. Edmonds, Derry, and Atayee	Characteristics of hospitalized patients screening positive for delirium
Michelle Lai (P3)	Drs. Saunders, Ma, Edmonds, and Atayee	Impact of pharmacogenomic testing on opioid use in breast cancer-related surgeries
Jihye Han (P3)	Drs. Kuo and Lee	Appropriate therapeutic monitoring of psychotropic drugs in family medicine clinics
Maher Alhaja (P2), Marlon Liyanage (P2)	Drs. Tsunoda, Momper, and Ma	Cefprozil affects the in vivo activity of multiple CYP P450 enzymes





Faculty News

45 UC San Diego Faculty Named Most Influential in Their Fields

Link to URL: https://ucsdnews.ucsd.edu/pressrelease/faculty_most_influential_in_their_fields

Forty-five faculty members at the University of California San Diego are among the world's most influential researchers in their fields. Clarivate Analytics, which provides insights and analytics on research trends, compiled its 2018 Highly Cited Researchers list of more than 6,000 scientists from around the world whose studies were among the top one percent of most-cited publications in their field over the past 10 years.

"We are extremely proud of the hard work and dedication of our faculty and researchers. Their inclusion on the list of highly cited researchers is one reflection of the impact their work has around the world," said UC San Diego Chancellor Pradeep K. Khosla. Annette Thomas, CEO of the Scientific & Academic Research group at Clarivate Analytics offered her praise: "Congratulations to a distinguished group of researchers. The advancement of scientific endeavor represents a critical activity for individual research institutions and entire nations."

We are proud that SSPPS' Ruben Abagyan, Pieter Dorrestein and Brad Moore were on this list.

UCSD has two award winners for the Sternfels Prize in Drug Safety. These prizes are awarded yearly to academic investigators who have contributed to the understanding of drug safety and toxicity from both

pharmacokinetics and pharmacodynamics viewpoints. In 2018, **Jennifer Le, PharmD** a Professor in the Skaggs School of Pharmacy & Pharmaceutical Sciences won the award for her contributions in the area of antimicrobial safety, aminoglycoside and vancomycin, in pediatric and neonatal patients on extracorporeal life support. Merrie Mosedale, Ph.D., formerly a graduate student in the Biomedical Sciences program, working with Stephen Chessler and Palmer Taylor, won the award in 2017 for her studies on liver toxicity. Merrie is now on the pharmacy faculty at the University of North Carolina.

Staff News

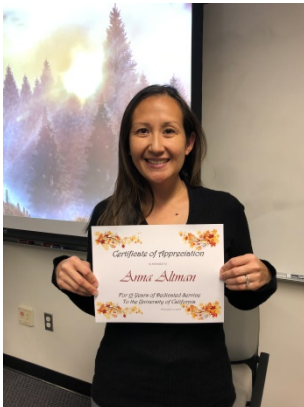
SSPPS Service Credit Awards

By Teah Stacks

“Time Flies When You’re Having Fun”

Staff Members at Skaggs School of Pharmacy and Pharmaceutical Sciences, received important service award milestones on November 7th for their dedication and years of service ranging from 10 years to an exceptional 30 years at UCSD.

Our commitment to excellence directly reflects in the quality and distinction of our positions. Each of us experiences growth in our respective departments and continues to strive to ensure excellence in our own line of duties.



Anna Altman

15 years of service

“I feel so fortunate to work at UCSD, and especially at the Skaggs School of Pharmacy & Pharmaceutical Sciences. The research of the PIs whom I work with is cutting edge and innovative in finding cures for neglected diseases and solutions that greatly impact the world, and it’s a collaborative and enjoyable environment amongst the staff. “



Teah Stacks

15 years of service

“UCSD is a great university to work for and most specially working closely with my colleagues that I can call family. Here, we are not a team because we work together, we are a team because we respect, trust, and care for each other”.



Lisa Avery

30 years of service

"Only 6 months away from retirement."



Carla Feuerstein

10 years of service

"This is my third year at SSPPS. I have really enjoyed helping our school and working with the great faculty, staff, students, and visitors".

UC San Diego Library

News From your Pharmacy Librarian

1- **DynaMed Plus** – NEW! Mobile Version Available

- <http://www.dynamed.com/>
- DynaMed is a clinical reference tool created by physicians for physicians and other health care professionals for use primarily at the 'point-of-care'. With 3,000+ clinically-organized summaries, links for calculators for Clinical Criteria, Decision Trees, Statistics Calculators and more, DynaMed is great evidence-based reference. It also has a mobile interface and offers CME.

2- **Embase** – Reminder to Use This Database for Drug Searching

- <https://www.embase.com/>
- Embase database covers around 8,600 journals from 100 countries. Subjects covered include all disciplines of medicine and biomedical science with particular strengths in the fields of drug research, pharmacology and toxicology. It also includes coverage of Allied Health subjects as well as Public Health topics. A key resource for systematic reviews, particularly ones involving drug therapy.

- 3- To celebrate Open Access week, UC San Diego Librarians have been promoting **ORCID**, IDs for authors, at several locations on campus. If you missed the sign-ups, or would like more information on how to sign up or learn about ORCID for your publications, please see:
 - ORCID Basics: <https://ucsd.libguides.com/orcid-athon>
- 4- For a list of publishers offering **discounts on article publication charges** for UCSD authors, please see the table at:
 - <https://ucsd.libguides.com/scholcom/discounts>
 - And the UC-wide listing: <https://osc.universityofcalifornia.edu/open-access-publishing-at-uc/publishing-discounts/>
- 5- The Library website's "**Subject & Course Guides**" webpage has been updated to make it easier to find online guides for your subjects, also worth noting are the general guides, such as E-books, Patents, Dissertations & Theses, Research Data Curation, etc. on the right side:
 - Subject & Course Guides: <http://ucsd.libguides.com/>

Recommend a Purchase: <https://library.ucsd.edu/borrow-and-request/recommend-a-purchase/index.html>

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Visit the library website for hours: <http://scilib.ucsd.edu/bml/>

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