



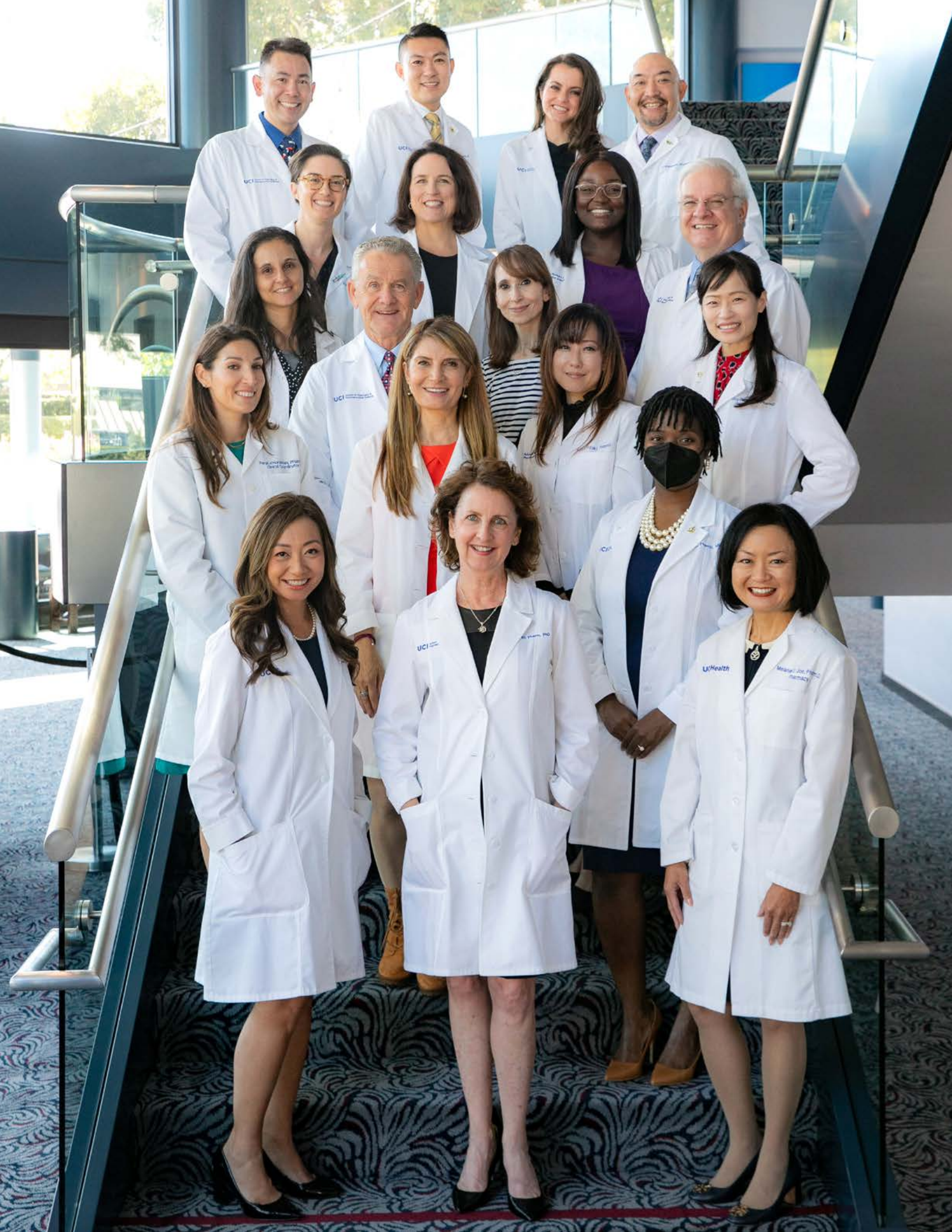
UCI School of Pharmacy & Pharmaceutical Sciences

Department of Clinical Pharmacy Practice

ANNUAL REPORT

2021-2022





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Welcome from the chair



Dear Colleagues and Friends,

On behalf of the University of California, Irvine Department of Clinical Pharmacy Practice (DCPP) within the UC Irvine School of Pharmacy & Pharmaceutical Sciences, I am honored to present to you our very first Department Annual Report! DCPP was founded in late 2019 and we have already gone through several historical milestones since our formation. Through this Annual Report, I hope to provide an opportunity for you to learn more about the achievements of our growing department.

Looking back on the past year, one of the biggest achievements was the launch of our Doctor of Pharmacy (PharmD) program. With a very strong applicant pool, we established an excellent charter class that is academically strong and diverse. We are also very proud to launch our inaugural White Coat Ceremony and end of first year celebrations. Our faculty and staff have also worked very hard to ensure that our program is going above and beyond the required accreditation standards.

As a department, we are continuing to expand our presence internally within UCI, as well as externally at various clinical practice sites and organizations. Together with UCI Medical Center Department of Pharmacy, we are undergoing strategic planning together to strengthen our close ties on education, practice, and research.

We are also strong advocates of our community's health during the pandemic. Together with UCI Health and our partners on campus, we successfully vaccinated over 45,000 citizens of Orange County at the COVID-19 vaccine clinic on campus. It was a wonderful opportunity for our department to work closely with everyone within our community.

I also would like to highlight our faculty's wonderful achievements! Many have received research grants, awards, and accolades – they have put UCI's logo around the world! Many are also actively contributing to the pharmacy and medical literature, and their contributions have continued to further the research mission of the department and the school.

In summary, it is truly amazing that we were able to achieve so much in such a short span of time! I look forward to building a successful department together with our faculty and trainees based on such a strong foundation of teaching, research, and service. I am very excited for what's to come for DCPP.

Alexandre Chan

PharmD, MPH, FCCP, FISOPP, BCPS, BCOP, APh

MISSION

To engage current and future pharmacists to enhance patient care, promote health equity, and advance science through education, collaboration, innovation, and health policy.

VISION

The Department of Clinical Pharmacy Practice will be at the forefront of transforming pharmacy practice, education, and research.

Timeline and Milestones

Department of Clinical Pharmacy Practice Established

■ Dean was hired (first faculty of DCP)

- **January** Launched Department Seminar Series
- **January – May** Established on campus COVID-19 vaccine clinic, vaccinated 45,000 residents in Orange County
- **May** Hired DCP's first administrator
- **July – September** Onboarded new faculty
 - Four Core Faculty
 - Two Joint Faculty
 - Four Volunteer Faculty
- **September** Started Interprofessional Roundtable Discussion Seminars with the School of Nursing Faculty
- **September** First PharmD class of 41 student pharmacists welcomed at White Coat Ceremony

■ Goal: To have hired 26 Core faculty members

2019

2020

2021

2022

2026/2027

UC Regents approved New PharmD Program at UCI

- **January** Founding Chair hired
- **March – September** Hired first four clinical faculty members
- **June – September** Associate Deans were hired for PharmD program
- **September** DCP launches Mentorship Program
- **October** DCP moved into Bison Modular building

- **May** DCP held its first Department Retreat
- **June** PharmD program achieved candidate status
- **September** PharmD program welcomes second cohort of 49 pharmacists at White Coat Ceremony
- **September** Onboarded new faculty
 - 16 Core Faculty
 - 8 Volunteer Faculty
- **December** Moved into Berk Hall building

Key

Blue – Indicates PharmD Program

Orange – Indicates Department of Clinical Pharmacy Practice



UCI School Of Pharmacy & Pharmaceutical Sciences Develops Strategic Plan With UCI Medical Center Department Of Pharmacy

Since the start of 2021, pharmacy leaders from the UCI School of Pharmacy & Pharmaceutical Sciences and the UCI Medical Center’s Department of Pharmacy Services met to discuss the strategic direction of the two units. The UCI School of Pharmacy & Pharmaceutical Sciences is part of the Susan & Henry Samueli College of Health Sciences, which combines with the UCI Health clinical enterprise to form UCI Health Affairs. The synergy between UCI Health and the academic disciplines of pharmacy and pharmaceutical sciences, medicine, nursing, public health, and

integrative health, enables UCI to transform education, discovery, and patient care.

To expand the collaboration between the UCI School of Pharmacy & Pharmaceutical Sciences and the UCI Medical Center Department of Pharmacy, leaders from both units have focused on six strategic initiatives from 2021 through 2023. The six initiatives will serve as the foundation for longer-term strategic planning that will begin in 2023.

The six strategic initiatives include:

- Facilitate the integration of UCI student pharmacists within UCI Health/UCI Medical Center
- Engage UCI Health pharmacy residents within the UCI School of Pharmacy & Pharmaceutical Sciences
- Create a sustainable learning experience in Internal Medicine for UCI student pharmacists
- Identify potential practice areas of growth within UCI Health
- Strengthen and expand community/ambulatory care pharmacy services within UCI Health
- Co-create a population health pharmacy program

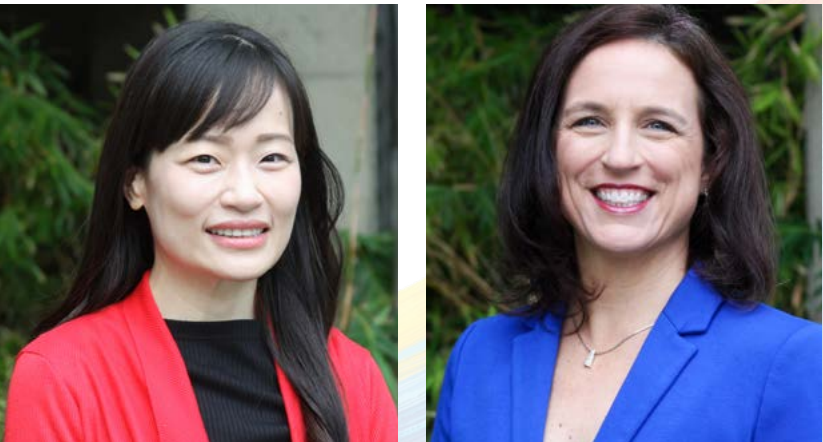
The mission of the UCI School of Pharmacy & Pharmaceutical Sciences is to be a driving force for the advancement of health and wellness of individuals and society. As the relationship with the UCI Medical Center continues to grow, the UCI School of Pharmacy & Pharmaceutical Sciences faculty and student pharmacists will impact the community through collaborative pharmacy, education, and research.

Through the integration of the academic side, the faculty and the UCI Medical Center Department of Pharmacy will also look for areas to expand the scope of clinical pharmacy practice within UCI Health.

The strategic plan can be accessed [here](#): UCI School of Pharmacy & Pharmaceutical Sciences and the UCI Medical Center’s Department of Pharmaceutical Services Strategic Plan.



Bridging the Gap: High-Quality Care in FQHCs



Joyce Yu-Chia Lee, PharmD and **Sarah McBane**, PharmD, launched a pilot program to fight health care disparities in underserved areas across Santa Ana and Anaheim last fall in both UCI Federally Qualified Health Centers (FQHCs) to better meet the needs of Orange County’s underserved populations. FQHCs are a critical component of the health care safety net, where UCI partners with communities to ensure that all individuals have access to affordable, high quality health care. Here, Lee and McBane explore the

beneficial impact of team-based services that include pharmacists in healthcare delivery and education in the community.

Lee and McBane launched the innovative program to embed pharmacists at the center of the primary care team in our FQHCs to serve as collaborative experts with attending physicians, their resident trainees, and patients. Expanding the pharmacist’s role improves safe and effective use of medications at each phase of the health journey. The role of the pharmacist is significantly more expansive than dispensing drugs, however, and includes the provision of frontline preventive care and chronic disease management to support wellness and improve disease outcomes. This program is a good demonstration of the UCI commitment to patient-centered, interprofessional, team-based education, research and care. UCI is at the forefront of the digital health future that will offer precision care to individuals and communities. This includes the FQHCs where we are increasing access to digital care through telemedicine and remote monitoring. Pharmacists are essential to community health and expanding their role on the frontline is key to equitable care for the underserved.

Pharmacy Deserts and Health Equity Issues in Los Angeles



Cheryl Wisseh, PharmD and her research team recently uncovered a key indicator of racial inequality linked with health inequity in a seemingly unlikely place, but one which truly highlights how entrenched systematic racism is in our society. Pharmacy deserts, a lack of easy access to pharmacies, in the Los Angeles region are more likely to impact Black and Hispanic communities and this impacts health equity in a major way. The findings of her research harken back to a time when communities in LA were zoned by race.

Pharmacy deserts align with a legacy of systemic racism and should be considered a major factor as we work towards eradicating health inequity and addressing issues of race in our communities.

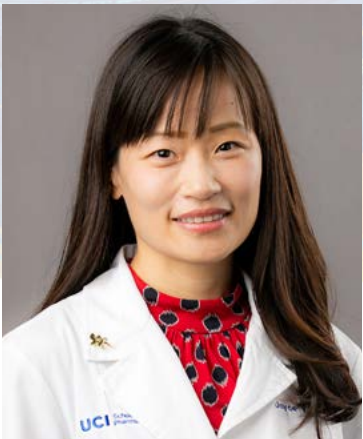
Pharmacies play an essential role in our wellbeing and fulfill essential health care functions, such as health screenings, vaccines and medication management. They have been, and continue to be, essential during this COVID-19 pandemic helping to provide testing and also helping with vaccine rollout.

Wisseh, the lead author of the study published in the Journal of Racial and Ethnic Health Disparities, is the first study to look at pharmacy deserts in the state of California and the LA region.

Faculty Awards and Recognitions

American College Of Clinical Pharmacy Award

Joyce Yu-Chia Lee, PharmD, FCCP, BCPS, BCACP, APh Health Sciences Clinical Professor



The American College of Clinical Pharmacy is a professional and scientific society with more than 15,000 members from over 60 countries committed to excellence in clinical pharmacy. The American College Of Clinical Pharmacy Award is given to one member who has developed an innovative clinical pharmacy service, provided innovative documentation of the impact of clinical pharmacy services, demonstrated leadership in the development of cost-effective clinical pharmacy services or shown sustained excellence in providing clinical pharmacy services. Lee is a founding faculty member of the UCI School of Pharmacy & Pharmaceutical Sciences and the first to earn the prestigious recognition.

American Society of Consultant Pharmacists Peter P. Lamy Memorial Lecture Award

Jonathan Watanabe, PharmD, MS, PhD, BCGP Founding Associate Dean of Pharmacy Assessment and Quality

The American Society of Consultant Pharmacists, the leading national pharmacy organization for the care of older adults, awarded Watanabe the 2021 Peter P. Lamy Memorial Lecture Award for improving drug therapy for the elderly.



Contracts & Grants

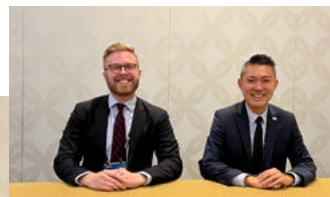
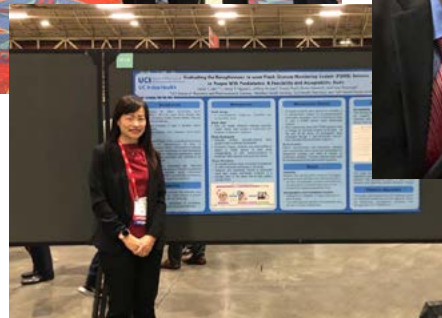
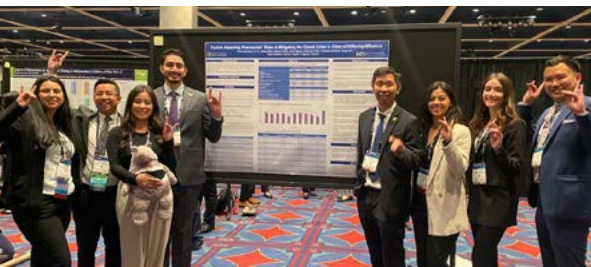
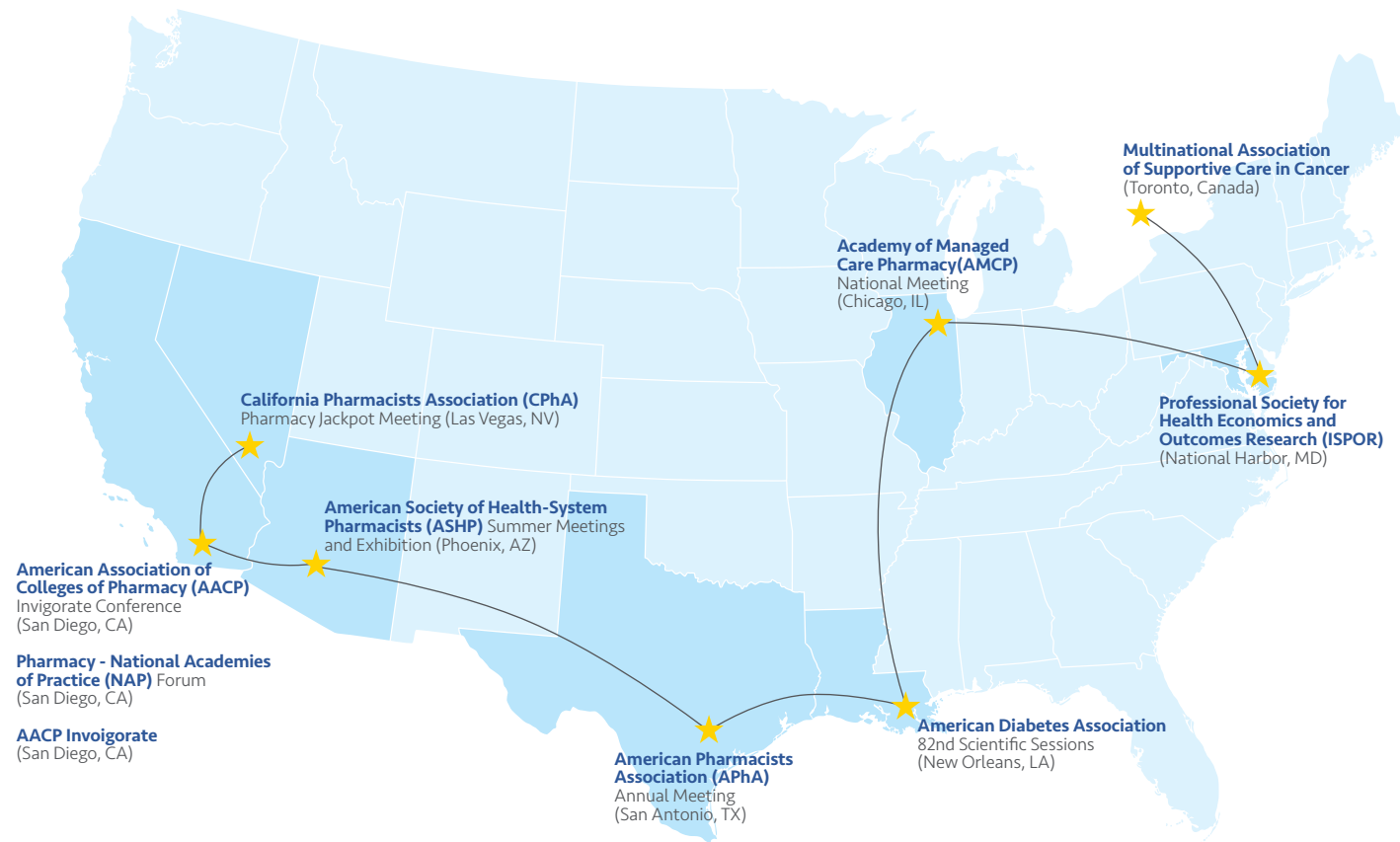
Between June 30, 2021 - July 1, 2022

Total numbers of publications, grants, awards, etc.

- Publications: 66
- Active Contract and Grant: 18
- Awards: 7

Our Faculty on the Map

Where have we been?



Selected Leadership Participation in External Organizations

Christine Cadiz, PharmD, MA, BCPS
■ San Diego Society of Health System Pharmacists

Lee Nguyen, PharmD, APh, BCPS-AQ ID, BCIDP
■ ASCCP Diversity, Equity and Inclusion.

Alexandre Chan, PharmD, MPH, FCCP, FISOPP, BCPS, BCOP, APh
■ Multinational Association of Supportive Care in Cancer

Megan Nguyen, PharmD
■ California Society of Health System Pharmacists

Nana Entsuaah, PharmD
■ American Society of Consultant Pharmacists

Aya Ozaki, PharmD
■ Japanese Society of Academic Detailing

Shawn Griffin, PharmD, BCOP
■ Hematology / Oncology Pharmacy Association

Aryana Sepassi, PharmD
■ California Society of Health System Pharmacists

Keri Hurley-Kim, PharmD, MPH, BCACP
■ International Society of Travel Medicine

Jonathan Watanabe, PharmD, MS, PhD, BCGP
■ California Health Benefits Review Program for the California Legislature

John Jones, BS Pharm, JD, FAMCP
■ Utilization Review Accreditation Commission

Cheryl Wisseh, PharmD, MPH
■ National Pharmaceutical Association (NPhA)

Joyce Lee, PharmD, FCCP, BCPS, BCACP, APh
■ Journal of the American College of Clinical Pharmacy

Sarah McBane, PharmD, CDE, BCPS, FCCP, FCPA, APh
■ California Society of Health System Pharmacists

Experiential Learning

The UCI School of Pharmacy & Pharmaceutical Sciences Office of Experiential Pharmacy Education is excited to announce that our first group of students has started Introductory Pharmacy Practice Experiences (IPPEs). Our students are currently participating in summer IPPEs: two-week concentrated community pharmacy experience, as well as a two-week health system pharmacy experience. This planning has been long going, and we have worked closely with UCI Medical Center pharmacy leaders and practicing community pharmacists to design IPPE activities that will benefit our students and lay the foundation for their future clinical experiences.

Student pharmacists will continue their experiential training during PY2 with two additional IPPEs. The Office of Experiential Pharmacy Education is looking forward to developing a unique integrative health IPPE, allowing students to apply learned principles of various complementary interventions, including herbal products and non-pharmacological modalities. Elective IPPEs will allow students to individualize their educational journeys by gaining experience in specialized or advanced patient-care settings, such as oncology infusion centers and primary care clinics.

Learn more about our IPPE Rotations:
Pharmsci.uci.edu/experiential-education/



(Left): Drs Tiffany Phung and Evelyn Mondragon consult with nursing staff, modeling interdisciplinary patient care to the student pharmacist.



Erin D. Knox, PharmD, BCPP Director of Experiential Pharmacy Education



(Above): Dr Eunah Cho is shown here supervising the student pharmacist who is discussing a new medication with a patient in of UCI's oncology clinics.



(Right): Dr Daniel Hoang assists a student pharmacist with proper sterile gowning technique at UCI Chao Comprehensive Cancer Center.



PharmD Student Life



Inaugural Class of Student Pharmacists

41

California residents

83%

UC graduates

46%

UCI graduates

23

female

18

male

56%

are first-generation college students



CSHP's Newest Student Society of Health-System Pharmacy Chapter - UCI

The California Society of Health-System Pharmacists (CSHP) announced the UCI's School of Pharmacy & Pharmaceutical Sciences as CSHP's newest Student Society of Health-System Pharmacy Chapter. The chapter's focus is to provide students with information, guidance, and opportunities regarding pharmacy practice in health systems. Faculty leads include Dr. Lee Nguyen and Dr. Christine Cadiz.



Top 10 Finalist at the 2022 APhA-ASP National Patient Counseling Competition

Hung Tran, a first-year student pharmacist advanced to the final round of the 2022 American Pharmacists Association – Academy of Student Pharmacists (APhA-ASP) National Patient Counseling Competition. Tran prevailed as one of the top 10 finalists among 122 other student competitors.

Student Pharmacists In Action



Faculty Wellness Committee

In the fall of 2021, the Department of Clinical Pharmacy Practice created a faculty wellness committee tasked with building and strengthening a culture of wellness and resilience among faculty and staff. Under the leadership of Committee Chair Nana Entsuah, the promotion of overall well-being, encouragement of open communication, and prevention of burnout culture were established as the committee’s main priorities. The committee’s strategic initiatives include fostering team building activities, hosting social events to maintain a positive culture, and data gathering with the use of surveys to evaluate the current conditions and to improve future events.

The need for the wellness committee was corroborated by the results of the department’s first annual wellness survey which was administered to the faculty in January 2022. While the results of the survey were largely positive, they revealed some opportunities for improvements within our growing department.

Most survey participants reported feeling a sense of belonging, personal satisfaction and enrichment, as well as support by colleagues and leadership; however, the survey also revealed a sense of burnout amongst a few faculty members.

To address this, the committee organized several department social events to continue fostering a culture of unity and camaraderie within the department.



Furthermore, in May 2022, the committee hosted a joint interdisciplinary seminar with the mentorship program titled “Minimizing Burnout: Enhancing Overall Wellness” featuring guest speaker Dr. Kelly Gable, a renowned and well-respected speaker on faculty and clinician wellness. The seminar was well attended and equipped faculty with the tools and knowledge needed to recognize and prevent burnout.

The wellness committee will continue to cater to the needs of the department by conducting annual wellness assessments and using the data gathered to guide our initiatives. The committee endeavors to remain an impactful and integral part of the department and is open to all feedback from department members.



Year in Review

SEPTEMBER 2021

DCPP Welcomes Four New Clinical Pharmacy Practice Faculty



Nana Entsuah
PharmD



Shawn Griffin
PharmD, BCOP



Aya Ozaki
PharmD



Aryana Sepassi
PharmD

UCI Welcomes First PharmD Class at White Coat Ceremony



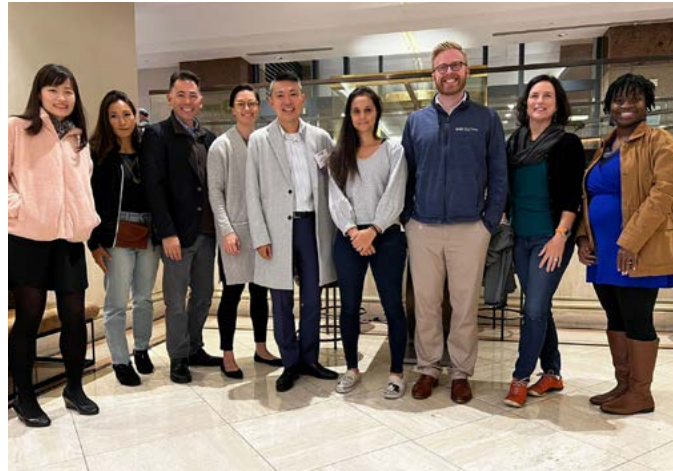
On September 24, forty-one bold students – UCI’s PharmD Class of 2025 – started their journey into the pharmacy profession at the Inaugural White Coat Ceremony held at the Barclay Theatre. The white coat is universally recognized as a symbol of the commitment students are making in joining a trusted health profession. As part of the UCI College of Health Sciences, UCI’s PharmD program offers a unique education that provides a wide range of interprofessional and experiential opportunities.

School of Nursing and Department of Clinical Pharmacy Practice Initiate Interprofessional Roundtable Seminar Series

The UCI Sue & Bill Gross School of Nursing and the Department of Clinical Pharmacy collaborate to deliver a series of faculty roundtable meetings/workshops as part of faculty development for current and new faculty members. These meetings/workshops will allow faculty to learn and discuss common issues interprofessionally, and address questions related to, but not limited to, teaching, scholarship, service, and ways to navigate academia at UCI.



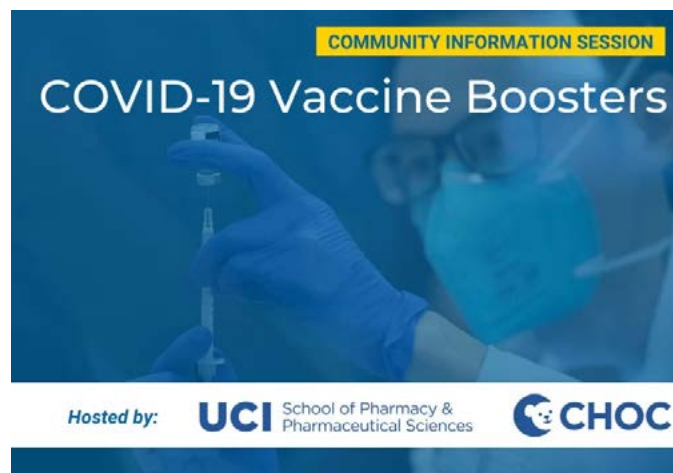
NOVEMBER 2021



California Society of Health-System Pharmacists (CSHP) hosts the first official UCI School of Pharmacy & Pharmaceutical Sciences CSHP Conference Networking Reception at the Disneyland Hotel.

DECEMBER 2021

The UCI School of Pharmacy & Pharmaceutical Sciences and Children's Health of Orange County (CHOC) Pharmacy Department, co-hosted a community information session that featured expert perspectives from clinical pharmacists on the COVID-19 vaccine booster shots. The panel of experts covered vaccine safety, effectiveness, and recommendations for both pediatrics and adults.



JANUARY 2022

The Department of Clinical Pharmacy Practice Inaugural Seminar Series kicks off with **Dr. Pranav M. Patel**, Chief of the Division of Cardiology at the University of California, Irvine. Presentation: "Cardiology and Pharmacy: A Collaboration of Discovery, Teaching and Healing."



MARCH 2022

The Department of Clinical Pharmacy Practice Seminar Series continues with **Dr. Kam Kalantar**, Chief of the Division of Nephrology, Hypertension, with the presentation: "Glomerular hyperfiltration and SGLT2 inhibitors"



APRIL 2022

The Accreditation Council for Pharmacy Education (ACPE) accreditation conducts a virtual visit for UCI School of Pharmacy & Pharmaceutical Sciences. ACPE is a public organization that provides a professional judgment of the quality of the degree program leading to the Doctor of Pharmacy degree to meet established qualifications and education standards through initial and subsequent periodic evaluations.



José Mayorga, MD



Betzy Salcedo, MD



Joyce Yu-Chia Lee, PharmD

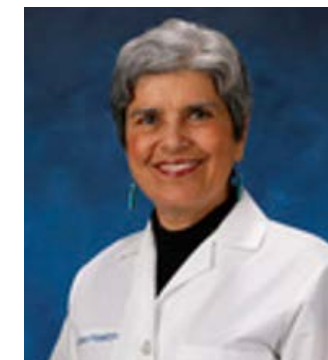


Vanessa Rodriguez, NP

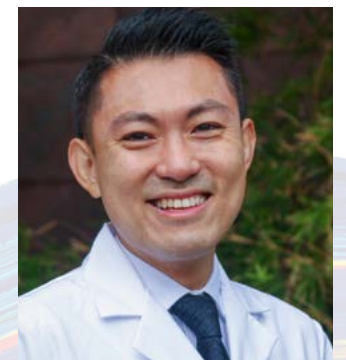
MAY 2022



On May 5, the Department of Clinical Pharmacy Practice hosted its very first in-person event retreat, which included all of our core and adjunct faculty. Through this event, we made meaningful connections while also having lots of fun under the sun! This retreat also gave us the opportunity to discuss the current and future states of DCP, as well as review our department's mission and vision statements.



Cynthia Haq, MD



Alexandre Chan, PharmD

JUNE 2022

The UCI School of Pharmacy & Pharmaceutical Sciences' Doctor of Pharmacy program has been granted Candidate status by the Accreditation Council for Pharmacy Education.

The Department of Clinical Pharmacy Practice co-host Grand Rounds with the UCI Department of Family Medicine, on 'Building Interdisciplinary Health Care Teams within UCI Primary Care'. Speakers included: José Mayorga, MD, Betzy Salcedo, MD, Joyce Yu-Chia Lee, PharmD, Vanessa Rodriguez, NP; Hosts: Cynthia Haq, MD, and Alexandre Chan, PharmD

Make a Meaningful Impact

Your tremendous philanthropic support, partnerships, and donations support our students and innovative healthcare leaders to accelerate scientific, clinical, and educational innovations.

By making a gift today, you help define the future of health and wellness by supporting those who will provide it in the decades to come. Let's create a brilliant future for healthcare – together.

Contact:

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Health Advancement
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