UCI Clinical Pharmacy Practice
UCI School of Pharmacy & Pharmaceutical Sciences

REPORT 2024
Contents

Welcome From Our Founding Chair 2
Mission and Vision Statements 3
Milestones 4
New Team Members 6
Faculty in the Community 7
Faculty Awards and Recognitions 8
Volunteer Clinical Professors 10
Leadership Participation in External Orgs 11
Our Faculty on the Map 12
Experiential Learning 13
PharmD Student Life 14
Collaboration with UCI Health 15
Wellness Committee 16
Year in Review 17
Make a Meaningful Impact 22
The UCI Department of Clinical Pharmacy Practice continues to witness tremendous growth, and we have celebrated numerous milestones in the last two years. In this report, you will learn about our department, the accolades our faculty have received, and the partnerships we have established.

We are expanding our presence internally within UCI, as well as externally at clinical practice sites and organizations. Our department is building our faculty strength and staff expertise. With our increasing number of faculty and staff, we have moved into a permanent home at Berk Hall, providing the needed space to nurture the next generation of pharmacists. Our partnership with UCI Health also continues to grow; we recently refreshed our strategic planning initiatives to further enhance our partnership in education, practice, and research.

Our faculty have worked tirelessly to grow our flagship Doctor of Pharmacy program, ensuring the program is meeting all accreditation milestones. Additionally, our faculty are building and contributing to their clinical services and programs. Many of them continue to receive research grants, awards, and accolades, which are evidence of their creativity and hard work. Our faculty are also involved in regional, national, and international medical and pharmacy organizations as leaders. As a growing department, we are certainly establishing a strong reputation within the larger pharmacy and medical ecosystem.

I am very proud of what we have jointly created. You will be amazed by all our growth and development. As we build a successful department, I want to thank all who have been with us on this journey. I look forward to many more great things that we will accomplish in the coming years.

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.
Berk Hall - New Home of the Department of Clinical Pharmacy Practice

On January 25, 2024, faculty, staff, and friends of the Department of Clinical Pharmacy Practice joined us at our ribbon-cutting ceremony for our newly remodeled and decorated home, Berk Hall. With two floors of offices and facilities, this is where our faculty inspire the next generation of pharmacists. We are also grateful to receive donations of pharmaceutical antiques from Carl F. Zurcher, PharmD.
Strategic Plan with UCI Health

The UCI School of Pharmacy & Pharmaceutical Sciences and the UCI Medical Center’s Department of Pharmacy Services completed the initial strategic plan, consisting of six initiatives.

Read more about our collaboration with UCI Health on page 15.

Annual Wellness Retreat

On September 7, 2023, the Department of Clinical Pharmacy Practice hosted a Wellness Hike at Irvine Regional Park. Through this event, we made meaningful connections while having lots of fun under the sun.

Read more about our Wellness Activities on page 16.
New Team Members

Faculty

Farah Khorassani, PharmD
Health Sciences Associate
Clinical Professor

Herman Johannesmeyer, PharmD
Health Sciences Assistant
Clinical Professor

Kevin (Zhijun) Wang, PhD
Associate Professor of Teaching

Staff

Brennen Vallance
Department Coordinator

Miranda Chen
Research Data Analyst
Faculty in the Community

Community Health Fair Provided Health Services to Over 200 People in Santa Ana’s Underrepresented Minority Communities

Nana Entsuah, PharmD and Cheryl Wisseh, PharmD, MPH of the UC Irvine School of Pharmacy & Pharmaceutical Sciences, along with other faculty leaders from the UCI Susan & Henry Samuei College of Health Sciences Interprofessional Education & Practice (IPEP) collaborative, coordinated the organization’s first community health fair, an event that provided chronic disease screening and health education to underrepresented minority communities in and around Santa Ana.

Held in Second Baptist Church, the oldest African American congregation in Orange County, the health fair served several underrepresented minority populations from throughout the area, including the Black, Hispanic, and Vietnamese communities of Santa Ana. Over 200 people were provided with health services. In addition to helping people in the local community, the health fair served as an opportunity for students to work with patients and collaborate with other students from throughout the College of Health Sciences.

“I was honored to lead this effort,” shared Entsuah. “This was a very successful event that helped to highlight UCI’s commitment to community service and our mission to provide equitable care to historically marginalized and underserved communities. We hope this is only the first of many IPEP health fairs!”

Farah Khorassani, PharmD Provides Expert Insight at Lake Forest Town Hall on Fentanyl

On February 22, 2024, Farah Khorassani, PharmD shared her insights on fentanyl at Lake Forest’s town hall, hosted by Assemblywoman Diane R. Dixon. A leading expert in the relationship between pharmaceuticals and mental health, Khorassani described the physiological process involved in the transition from prescription to addiction. “Fentanyl is a synthetic opioid that is 50 to 100 times more powerful than morphine. It’s addictive because it binds to receptors in the brain that control emotions and pain, producing a euphoric effect,” she said. “The dangers are in illicit forms, usually pressed into counterfeit pills, because only small amounts can lead to a fatality.” Other panelists included Rep. Young Kim; Sgt. Brian Gunsoley of the Orange County Sheriff’s Department; and Perla Mendoza, whose son Eli died of a fentanyl overdose.
Faculty Awards and Recognitions

Awards

2022 Pharmacist of the Year
San Diego Society of Health-System Pharmacists

2022 Emerging Member For Hematology/Oncology Practice
By American College of Clinical Pharmacy (ACCP)
ACCP Hematology/Oncology Practice and Research Network

2022 Volunteer Award
Hematology/Oncology Pharmacy Association

Christine Cadiz, PharmD
Shawn Griffin, PharmD

2023 Innovator Award
Multinational Association of Supportive Care in Cancer

2023 Innovative Pharmacy Practice Award
California Society of Health-System Pharmacists

Alexandre Chan, PharmD, MPH
Joyce Y. Lee, PharmD

2024 Basic and Clinical Research Literature Award
Hematology/Oncology Pharmacy Association

2024 Clinical College of Health Sciences Team Research Award
UCI COHS Faculty Assembly

2024 Helen McKinnon Award
International Society of Oncology Pharmacy Practitioners

2024 Athalie Clarke Achievement Award For Pharmaceutical Research
UCI Research Associates

Keri Hurley, PharmD, MPH
Cheryl Wisseh, PharmD, MPH
Faculty National Appointments

- **Alexandre Chan**, PharmD, MPH
  - Board of Pharmacy Specialties Council, Oncology Pharmacy

- **Farah Khorassani**, PharmD
  - Board of Pharmacy Specialties Council, Psychiatric Pharmacy

- **Lee Nguyen**, PharmD
  - Board of Pharmacy Specialties Council, Infectious Disease Pharmacy

- **Jonathan Watanabe**, PharmD, PhD, MS
  - Task Force of the California Benefit Review Program
Volunteer Clinical Professors

Shetal Desai
Assad Kazeminy
Denis Kitayama
Erin Knox
Grace Lee
Helen Lee
Anthony Morreale
Raj Mudahar
Larry Lovett
Grace Magedman
Tiffany Phung
Jill Simonian
Dave Tang
Martin Torres
Jennie Ung
Jeff Yuen

Volunteer Associate Clinical Professors

Steven Atallah
Cynthia Ausherman
Robert Eastin
Alyssa Le
Benjamin Lee
Stephen Lee
Michael Rigas
Codi Peterson
Alan Phan
Tuan Tran
Monica Welling

Volunteer Assistant Clinical Professors

Mary Deeman
Jean Doh
Paul Gaura
Daniel Hoang
Sandra Merino
Thien Vu
<table>
<thead>
<tr>
<th>Name</th>
<th>Title and Organization</th>
</tr>
</thead>
<tbody>
<tr>
<td>Christine Cadiz, PharmD, MA</td>
<td>California Society of Health System Pharmacists</td>
</tr>
<tr>
<td>Alexandre Chan, PharmD, MPH</td>
<td>Multinational Association of Supportive Care in Cancer</td>
</tr>
<tr>
<td>Nana Entsuah, PharmD</td>
<td>American Society of Consultant Pharmacists</td>
</tr>
<tr>
<td>Shawn Griffin, PharmD</td>
<td>Hematology/Oncology Pharmacy Association</td>
</tr>
<tr>
<td>Jan D. Hirsch, BS Pharm, PhD</td>
<td>National Academies of Practice</td>
</tr>
<tr>
<td>Keri Hurley-Kim, PharmD, MPH</td>
<td>Immunization Coalition of Los Angeles County</td>
</tr>
<tr>
<td>Melanie Joe, PharmD, MPA</td>
<td>Health Management Academy</td>
</tr>
<tr>
<td>Herman Joseph Johannesmeyer, PharmD</td>
<td>Orange County Society of Health-System Pharmacists</td>
</tr>
<tr>
<td>John Jones, BS Pharm, JD</td>
<td>American Society for Pharmacy Law</td>
</tr>
<tr>
<td>Farah Khorassani, PharmD</td>
<td>American Association of Psychiatric Pharmacists</td>
</tr>
<tr>
<td>Joyce Lee, PharmD</td>
<td>Diabetes Self-Management Education &amp; Support Interest Group, American Diabetes Association</td>
</tr>
<tr>
<td>Sarah McBane, PharmD</td>
<td>California Society of Health System Pharmacists</td>
</tr>
<tr>
<td>Lee Nguyen, PharmD</td>
<td>Society of Infectious Diseases Pharmacists</td>
</tr>
<tr>
<td>Megan Nguyen, PharmD</td>
<td>California Society of Health System Pharmacians</td>
</tr>
<tr>
<td>Aya Ozaki, PharmD</td>
<td>Japanese Society of Academic Detailing</td>
</tr>
<tr>
<td>Aryana Sepassi, PharmD</td>
<td>International Society for Pharmacoeconomics and Outcomes Research</td>
</tr>
<tr>
<td>Kevin (Zhijun) Wang, PhD</td>
<td>Chinese American Faculty Association of Southern California</td>
</tr>
<tr>
<td>Jonathan Watanabe, PharmD, PhD, MS</td>
<td>National Academy of Sciences, Engineering, and Medicine Forum on Drug Discovery, Development, and Translation.</td>
</tr>
<tr>
<td>Cheryl Wisseh, PharmD, MPH</td>
<td>National Pharmaceutical Association</td>
</tr>
</tbody>
</table>
Where have we been?

Our Faculty on the Map
The UCI School of Pharmacy & Pharmaceutical Sciences, Office of Experiential Education (OEE) is thrilled to be sending our charter cohort of student pharmacists out for Advanced Practice Pharmacy Experiences (APPEs). All student pharmacists are assigned to six 6-week rotations across their last academic year; required APPEs include community practice, hospital/health system pharmacy practice, ambulatory care, and general medicine. All students complete two electives, which range from oncology to managed care to pharmaceutical industry to psychiatry. Other electives include hospital pharmacy administration, infectious diseases, emergency medicine, pediatrics, organizational leadership and administration, and international/global health in Singapore.

During these APPEs, student pharmacists are guided by preceptors in the planning and delivery of care to patients in various healthcare settings. These APPEs are designed to develop and advance the students’ skill sets in the application of knowledge. The broad range of electives allows the student to personalize their experiences to meet their individual educational goals, supporting their path into their early career and beyond.

We are very grateful for the support from all our affiliated medical centers, and especially our primary training partners: UCI Health, Children’s Hospital of Orange County (CHOC), and UCLA Health. Preceptors include UCI faculty, staff, and alumni, and we invite you to contact us if you are interested in being involved! [https://pharmsci.uci.edu/experiential-education/](https://pharmsci.uci.edu/experiential-education/)

As the OEE looks back over the past three years, we are so proud of the work performed by our students up to this point. Introductory Pharmacy Practice Experiences (IPPEs) in community pharmacy, hospital pharmacy, electives, and integrative health have laid the foundation for their journeys into APPEs. Our well-rounded student pharmacists have learned core skills in implementing the pharmacists’ patient care process, compounded sterile and non-sterile products, applied cooking skills to better educate patients on nutrition, explored native medicinal plants growing in Orange County, and have prepared to become active and engaged members of a multidisciplinary care team. We are very excited to see what the future holds for our student pharmacists!

Erin D. Knox, PharmD, BCPP
Director of Experiential Pharmacy Education, Volunteer Clinical Professor
The UC Irvine School of Pharmacy & Pharmaceutical Sciences’ Student Society of Health-System Pharmacists (SSHP) chapter has been officially recognized by the American Society of Health-Systems Pharmacists (ASHP) and national SSHP organization. Additionally, the California Society of Health-Systems Pharmacists (CSHP) honored student pharmacist and chapter president Sara Ali with their Student Leadership Award!

The inaugural board of the UCI SSHP chapter received the fastest recognition from CSHP (compared to other California SSHP chapters), and the second board received the fastest national recognition from ASHP-SSHP. Typically, being officially recognized by ASHP-SSHP takes years following the submission of an application, but the UCI chapter was able to reach this milestone within one year of starting the process.

### Doctor of Pharmacy Program Stats:

<table>
<thead>
<tr>
<th>Class enrolled, 2021-2022</th>
<th>Class enrolled, 2022-2023</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>49</strong></td>
<td><strong>57</strong></td>
</tr>
<tr>
<td>Number of students</td>
<td>Number of students</td>
</tr>
<tr>
<td><strong>22%</strong></td>
<td><strong>47%</strong></td>
</tr>
<tr>
<td>are first-generation students</td>
<td>are first-generation students</td>
</tr>
<tr>
<td><strong>94%</strong></td>
<td><strong>95%</strong></td>
</tr>
<tr>
<td>California Residents</td>
<td>California Residents</td>
</tr>
<tr>
<td><strong>65%</strong></td>
<td><strong>82%</strong></td>
</tr>
<tr>
<td>University of California Graduates</td>
<td>University of California Graduates</td>
</tr>
</tbody>
</table>
Collaboration with UCI Health Department of Pharmacy Services

Quarterly meetings between faculty and UCI Health pharmacy specialists: To facilitate better connection between the two units, pharmacy faculty practicing at UCI Health and pharmacy specialists from the medical center started quarterly joint meetings in March 2023, with the goal to build upon the already strong base of collaboration that the two units have initiated. This meeting is jointly hosted by Alex Chan, PharmD, MPH (Chair of Department of Clinical Pharmacy Practice), Martin Torres, PharmD (Volunteer Clinical Professor at the Department of Clinical Pharmacy Practice and Director of Pharmacy), and Steven Atallah, PharmD (Volunteer Associate Clinical Professor at the Department of Clinical Pharmacy Practice and Clinical Coordinator at UCI Health Pharmacy).

Strategic Planning Refresh with UCI Health: In 2021, the UCI School of Pharmacy & Pharmaceutical Sciences and the UCI Health Department of Pharmacy Services partnered to create a Strategic Plan focusing on six strategic initiatives. The six initiatives served as the foundation for longer-term strategic planning with the Medical Center. This past summer (2023), leadership from both groups began a refresh of the strategic initiatives. Below you will find key accomplishments from our initial strategic plan (2021-2023) and the updated initiatives that will continue until 2027.

Key Accomplishments from 2020-2023

- Created Introductory Pharmacy Practice Experience (IPPE) with P1-P3 students, with Advanced Pharmacy Practice Experience (APPE) ready to roll out for P4 during Summer 2024
- Created and rolled out a Residency Teaching Certificate Program
- Regular pharmacy presence within Internal Medicine teams
- Conducted a survey of unmet pharmacy needs
- Developed short- and long-term visions for ambulatory care pharmacy services
- Co-created a population health program

Updated Initiatives 2023-2027

- Facilitate the integration of School of Pharmacy & Pharmaceutical Sciences student pharmacists within UCI Health
- Provide standardized support to all preceptors (staff, faculty, and residents)
- Develop clinical experiential learning experience focused on general medicine at UCI Medical Center
- Envisioning innovative pharmacy care models/services at UCI Medical Center
- Strengthen and expand community/ambulatory care pharmacy services within UCI Health
- Develop a vision for the population health program, with a focus on education, practice, and research
The wellness committee has continued its efforts of building and strengthening a culture of wellness and resilience among department faculty and staff. These past two years, the committee’s programming has included social events, a wellness seminar, and a department retreat. During the summer of 2023, the committee transitioned leadership. We thanked Nana Enstuah, PharmD for her service and welcomed Shawn Griffin, PharmD and Herman Johannesmeyer, PharmD as Committee Co-Chairs for 2023-2025.

To jump-start the 2023 academic year, the wellness committee hosted a department hike to promote overall well-being. This was a great way to step away from the office and foster community amongst each other. We even made a little competition of who could capture the best photo during our hike. (Check out the winning photo attached in the bottom left).

In efforts to further build community and foster a positive culture, the wellness committee hosted a social mixer with the Department of Pharmaceutical Sciences.

Furthermore, in May 2024, the committee hosted a joint seminar with the School of Pharmacy & Pharmaceutical Sciences Diversity, Equity, and Inclusion Committee (DEIC) titled “Building and Measuring an Inclusive Culture in the Health Sciences” featuring guest speaker Dr. Magali Fassiotto, a renowned and well-respected speaker on unconscious bias, effective mentorship, team building, leading inclusive teams, and building inclusive classrooms. The seminar was well attended and equipped faculty and staff with the tools and knowledge needed to build an inclusive culture and measure the impact.

The wellness committee will continue to cater to the needs of the department by conducting wellness assessments and using the data gathered to guide our initiatives. The committee welcomes feedback from all department members as it strives to remain an impactful and integral part of the department.
UCI Welcomes PharmD Class of 2026 at White Coat Ceremony

On September 16, 2022, 49 PharmD students — UCI’s PharmD Class of 2026 — started their journey into the pharmacy profession at our White Coat Ceremony held at the Irvine Barclay Theatre.

The Department of Clinical Pharmacy Practice Seminar Series continues with Lee Nguyen, PharmD and Catherine Diamond, MD with the presentation on: “Pre-exposure prophylaxis therapy to prevent HIV.”

Christine Cadiz, PharmD and Dawn Lombardo, DO hosted the first Department of Clinical Pharmacy Practice Seminar of the 2022-2023 academic year on: “Multidisciplinary Care of patients with Advanced heart failure.”
The Interprofessional seminar series co-hosted with the School of Nursing and the Department of Clinical Pharmacy Practice continues with John Jones, BS Pharm, JD and Nicole Martinez, PhD, RN on: “Academic Integrity.”

JANUARY 2023

The Department of Clinical Pharmacy Practice Seminar Series continues with Keri Hurley, PharmD, MPH and Suellen Hopfer, PhD, MS with the presentation on: “Vaccine inequities, misinformation, and the impacts of America’s pharmacists.”

MARCH 2023

The Department of Clinical Pharmacy Practice Seminar Series continues with Jeffrey Suchard, MD and Stephen Lee, PharmD with the presentation on: “Emergency Medicine Update: Acetaminophen Toxicology and Pharmacists in Toxicology.”

The Interprofessional seminar series co-hosted with the School of Nursing and the Department of Clinical Pharmacy Practice continues with Barry Goldspiel, PharmD, Melissa Pinto, PhD, and Kyle Weant, PharmD on: “How to publish a Clinical Journal.”

JANUARY 2023

JANUARY 2023

MARCH 2023
MAY 2023

The Department of Clinical Pharmacy Practice Seminar Series continues with Cynthia Ausherman, PharmD and Antoney Ferrey, MD with the presentation on: “COVID in kidney transplant patients.”

The Interprofessional seminar series co-hosted with the School of Nursing and the Department of Clinical Pharmacy Practice continues with Angela Bingham, PharmD on: “Incorporating Professionalism into Practice.”

JUNE 2023

The Department of Clinical Pharmacy Practice co-hosted a Wellness Seminar with the School of Pharmacy & Pharmaceutical Sciences Diversity and Inclusion Committee for all School of Pharmacy & Pharmaceutical Sciences faculty and staff. Kelly Lee, PharmD gave a talk on “Time for Action: Ensuring Well-Being within Academic Pharmacy.”

SEPTEMBER 2023

On September 7th, the Department of Clinical Pharmacy Practice hosted a Wellness Hike at Irvine Regional Park. Through this event, we made meaningful connections while having lots of fun under the sun!

UCI Welcomes PharmD Class of 2027 at White Coat Ceremony

On September 22, 2023, 57 PharmD students — UCI’s PharmD Class of 2027 — started their journey into the pharmacy profession at our White Coat Ceremony held at the Irvine Barclay Theatre.
The Department of Clinical Pharmacy Practice held an End of the Year Social at the UCI Medical Center to show appreciation for the collaboration we have built at UCI Health.

The School of Pharmacy & Pharmaceutical Sciences and the UCI Health Department of Pharmacy Services linked up as one Anti-Cancer Challenge team, and the collaboration was a success! **Shawn Griffin, PharmD** and **Tania Cuellar** led the team as co-captains.

**DECEMBER 2023**

The Department of Clinical Pharmacy Practice Seminar Series continues with **Benjamin Lee, PharmD** with the presentation on: “Higher Pegasparase-Associated Toxicities and Worse Survival Outcomes Among Hispanic Acute Lymphoblastic Leukemia Patients at UCI.”

**JANUARY 2024**

On January 25th, faculty, staff, and friends of the Department of Clinical Pharmacy Practice joined us at our ribbon-cutting ceremony for our newly remodeled and decorated home, Berk Hall.

The Interprofessional seminar series co-hosted with the School of Nursing and the Department of Clinical Pharmacy Practice continues with **Alex Mills, PharmD** on: “Delivered with Pride: Providing LGBTQ+Inclusive Healthcare.”

**NOVEMBER 2023**

Benjamin Lee, PharmD

Shawn Griffin, PharmD and Tania Cuellar led the team as co-captains.
The Accreditation Council for Pharmacy Education (ACPE) accreditation conducted an on-site visit to the UCI School of Pharmacy & Pharmaceutical Sciences. ACPE is a public organization that provides a professional judgment of the quality of Doctor of Pharmacy degree programs, assessing a program’s ability to meet established qualifications and education standards through initial and subsequent periodic evaluations.
Make a Meaningful Impact

We are deeply grateful to the friends, alumni, and corporations who support the UCI School of Pharmacy & Pharmaceutical Sciences. Your generosity helps make it possible for our students, faculty, research, and programs to continue to accelerate scientific, clinical, and educational innovations.

If you are interested in investing in the future of the UCI School of Pharmacy & Pharmaceutical Sciences, we invite you to consider a philanthropic gift to one of these areas:

**FOUNDING PARTNERS SCHOLARSHIP** Founding Dean Jan Hirsch created the Founding Partners Scholarship for undergraduates who belong to historically under-represented groups or who aspire to address social inequities in pharmacy or pharmaceutical sciences. A gift of any amount will help us further promote a culture in which an inclusive student body is able to grow and thrive.

**FUND FOR EXCELLENCE** Your gift will provide support for the UCI School of Pharmacy & Pharmaceutical Sciences’ top strategic priorities. Whether it funds breakthrough research, improved facilities, or student support, any gift — small or large — can make a big impact!

**WHITE COAT FUND** With your support, we can personally welcome each PharmD student into the Anteater family. Each $100 gift will support one student’s White Coat Welcome Package. A special note honoring your generosity will be embroidered into the coat collar. Every day, these students will be reminded of the support and encouragement from their Anteater community.

Donate online: pharmsci.uci.edu/giving

Contact: Sonia Batra
Director of Development
sbatra1@hs.uci.edu
949-824-3850