

CHSU

COLLEGE OF
PHARMACY



Transforming Pharmacy
— into a —
Primary Care Profession

Start your pharmacy career at

DISCOVER
my **CHSU.ORG**



Affordability

- Personalized Financial Aid Assistance
- California Health Sciences University Scholarship Fund



Innovative Curriculum

Strives for the highest level of professional preparation.

Advanced Practice Pharmacist.



STUDENT SUCCESS
is our highest priority!

CHS
You!



10:1

Student to Faculty Ratio

- More personalized instruction
- Supportive learning environment

Innovative Experiential Education Program

- Provides hands on experience in community, ambulatory care and hospital pharmacies
- Central Valley IPPE/APPE Rotation Sites



Research

Faculty/Student Research Collaborations

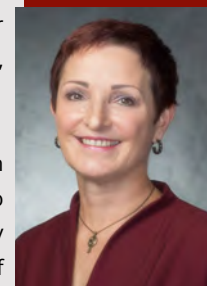
Transforming Pharmacy into a Primary Care Profession

- Physically Assess and Manage Patients with Chronic Diseases
- Design Therapeutic Regimens and Prevent Adverse Drug Effects
- Educate Patients on Disease Prevention, Medication and Healthy Lifestyles
- Important Member of the Primary Care Team

Career Demand
for Pharmacy Jobs in the Region.

Dean's Welcome

These are exciting times for the profession of pharmacy, especially here in California.



The role of pharmacists in patient care continues to expand, as evidenced by the official designation of "Advanced Practice Pharmacist," which is part of a revolutionary new law in our state that offers unlimited potential for pharmacy graduates in coming years. Such innovation fits perfectly with the mission of CHSU.

We are focused on preparing students to become the advanced practice pharmacists of the future. I am convinced that our approach to educating pharmacy students is second to none in its potential to successfully train students for the opportunities that are developing within our profession.

I invite you to learn more about the CHSU College of Pharmacy. I think you'll find that our PharmD program might be the best fit for you.

Sincerely,

Wendy Duncan, PhD
SVP of Academic Affairs and Provost
Dean, College of Pharmacy



WHY CHOOSE CHSU?

ADMISSIONS REQUIREMENTS

DEAN'S WELCOME

Why Choose CHSU?

Transforming Pharmacy into a Primary Care Profession

- Learn contemporary pharmacy practice.
- Learn how to provide primary patient care in collaboration with physicians.
- Refine your clinical skills under direct supervision of practicing pharmacists and physicians during rotations at hospitals, clinics and community pharmacies.
- Enjoy the unique combination of high quality of life, affordable cost of living and plentiful career opportunities the Central Valley provides.

Affordability

- Qualified students can earn up to \$40,000 in CHSU scholarship funds.
- Enjoy an affordable cost of living in California's Central Valley region.
- Competitive cost of attendance.

Team-Based Learning

- Promotes active learning, problem-solving, critical thinking, and effective communication.
- Emphasized in academic rigor, individual accountability, team work, and the application of knowledge to solve real world problems.
- The role of the instructor is to clearly articulate the learning outcomes, create challenging problems for students to solve, and probe their reasoning in clinical decision making.



ADMISSION REQUIREMENTS

Course	Required Credits
General Chemistry with Lab	8 Semester / 12 Quarter Credits
Organic Chemistry with Lab	8 Semester / 12 Quarter Credits
General Biology with Lab	8 Semester / 12 Quarter Credits
Microbiology	3 Semester / 4 Quarter Credits
Physiology	3 Semester / 4 Quarter Credits
Anatomy	3 Semester / 4 Quarter Credits
Psychology	3 Semester / 4 Quarter Credits
Economics (Micro or Macro)	3 Semester / 4 Quarter Credits
Calculus	3 Semester / 4 Quarter Credits
Public Speaking	3 Semester / 4 Quarter Credits
Additional Course(s)	3 Semester / 4 Quarter Credits
Total Required Prerequisites	48 Semester / 68 Quarter Credits

Admissions Requirements

- Applicants for the four-year Doctor of Pharmacy program at CHSU must satisfactorily complete a minimum of 48 credits of prerequisite coursework and a *baccalaureate degree is preferred* for admission.
- Satisfactory completion with grade "C" or better of the prerequisite courses.
- Preferred cumulative GPA of **2.7** or higher on a **4.0** scale.
- Preferred prerequisite GPA of **2.7** or higher on a **4.0** scale.
- Completion of a PharmCAS application including three letters of reference, a personal statement, and official transcripts from each college or university attended.

Average Cumulative
GPA of Accepted
Students

3.0

Curriculum/Learning Outcomes

The PharmD curriculum at CHSU provides comprehensive coverage of the major learning outcomes that pharmacy students are expected to achieve, as defined by the Center for the Advancement of Pharmacy Education (CAPE) in 2013.

We are constantly evaluating and revising the curriculum to ensure that it provides the best possible learning framework for our students.

To better prepare them for the advanced patient care opportunities of the future, we have established our own unique "Program Learning Outcomes" that address the professional abilities that we expect CHSU students to develop during the PharmD program.

The CHSU "Global Learning Outcomes" take student growth to an even higher level, by addressing the more fundamental holistic abilities that are important for not only becoming an effective pharmacist practitioner, but also a well-rounded, civic-minded person who contributes to his/her community in ways beyond professional service.

Details of the CHSU curriculum, program learning outcomes, and global outcomes can be accessed at <http://chsu.org/admissions/>.



Team-Based Learning

CHSU's curriculum is delivered via Team-Based Learning (TBL). TBL is a teaching method that is rapidly growing in higher education, especially in pharmacy and medical schools.

It represents a unique form of what is called a "flipped classroom," in which students are given the content of a lesson in advance, with the expectation that they study it before class.

This enables the instructor to engage students in a variety of activities during class to help them better understand and apply the material, rather than boring them with a lecture that merely delivers the material.

With TBL, the in-class activities engage students in solving a variety of "problems" by collaboratively working together in teams to analyze and evaluate information, as they jointly determine the best solution to a problem. This process of mutual decision-making produces a level of critical thinking that has been shown to result in deeper learning, with longer retention and a greater potential to apply what has been learned under different circumstances.

It also helps students to develop strong communication skills and enhance their abilities to function effectively as part of a team. And best of all—it makes learning far more enjoyable than sitting through lectures day after day!



The Office of Financial Aid

- ▶ Helps each individual student/family prepare an affordability analysis.
- ▶ Ensures that CHSU students make informed financial choices.
- ▶ Assists our students in understanding, applying for, and securing financing for a professional education.
- ▶ Continues from the beginning of their academic career at California Health Sciences University to their post-graduate entry into the workplace and beyond.
- ▶ Financial planning courses and workshops.

CHSU Scholarship Fund

- ▶ Assists students with up to **\$10,000** of their educational expenses annually. Based on merit and need.
- ▶ \$40,000 High Honors and \$20,000 Honors scholarships available to qualified students
- ▶ A private fund that was established by the university and funded through the generosity of our supporters.
- ▶ Administered by the Central Valley Regional Foundation.
- ▶ Appointed selection committee that considers applicants for these funds.

Qualified Early
Decision Applicants
can Receive
Scholarships up to
\$40,000

Loans

- ▶ CHSU currently offers three competitive, private educational loan financing options:

iHELP Select Student Loan

<http://www.ihelpselect.com/>

Sallie Mae Smart Option Student Loan

<https://www.salliemae.com/student-loans/graduate-student-loans/>

The Sallie Mae Parent Loan

<https://www.salliemae.com/student-loans/student-loans-for-parents/parent-loan/>

- ▶ Low APR's available.
- ▶ Based on credit score.
- ▶ Option for co-signers.

For more Financial Aid information, please contact:

Kevin Hoover, Director of Financial Aid/Registrar
CHSU Office of Financial Aid
120 N. Clovis Avenue
Clovis, CA 93612
(559) 325-3600
khoover@chsu.org

Experiential Education

- ▶ The Office of Experiential Education at CHSU offers pharmacy students practical experiences in various areas of pharmacy.
- ▶ We manage and facilitate both IPPEs and APPEs for PharmD students.
- ▶ Students will gain experience in problem solving and providing patient care services.
- ▶ Students will be applying concepts learned in the classroom and practice laboratories.
- ▶ Practicing pharmacists will provide students with hands on experiences.
- ▶ Central Valley rotation sites.

Introductory Pharmacy Practice Experiences (IPPE)

- ▶ Based in community, institutional pharmacies, and with CHSU Clinical Faculty
- ▶ IPPE rotations consist of **320 total hours**.



Advanced Pharmacy Practice Experiences (APPE)

- ▶ Begins in the summer immediately following the completion of the third academic year.
- ▶ Offered in community pharmacies, hospitals, outpatient clinics, with prescribers, and a variety of other practice settings.
- ▶ Requires students to successfully complete all P1, P2, and P3 didactic and experiential courses before advancing to APPE courses.
- ▶ Consists of seven rotations of no less than **240 hours each (40+ hours/week)** over six weeks for 12 months.
 - Community
 - Institutional/Hospital
 - Ambulatory Care
 - Electives (2)
 - Acute Care
 - Prescriber or Physician



Is a Pharmacy Career for you?

95%
Job Satisfaction

305,510
Estimated Number of Pharmacists Employed in U.S.

#20
of
100
Best Jobs in U.S.

\$136,100
Average Annual Mean Wage of Pharmacists in CA

28,600
Pharmacists Employed in CA

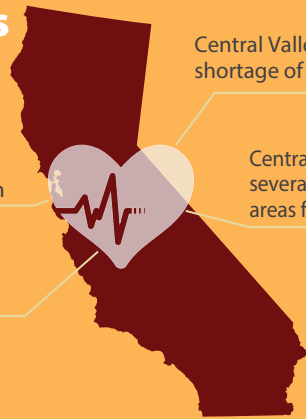
Diverse Career Opportunities

Altruism

Pharmacy Jobs in the Central Valley

Twelve hospitals in the region

Community, national chains, hospital, rural & specialty pharmacy jobs available



Central Valley has the greatest shortage of pharmacists in CA

Central California includes several top paying metro areas for pharmacists

Health Care Shortage

Uninsured CA Residents
California Health Care Foundation

3,900,000

Physicians Expected to Retire in the Next Decade

1/3

Patient to Primary Care Ratio in Fresno County
County Health Rankings and Roadmaps

1,500:1

8,200

Shortage of Physicians by 2030 in CA
Robert Graham Center

35,600

MUA (Medically Underserved Area)
Shortage of Primary Care Physicians by 2025

Sources: Bureau of Labor Statistics Occupational Employment Statistics May 2016 bls.gov; California Health Care Foundation chcf.org; Association of American Medical Colleges aamc.org; U.S. News and World Report, Best Jobs Rankings; money.usnews.com; Robert Graham Center, r.graham-center.org

288 Days
Sunshine per Year

76°

Average high temperature

50°

Average low temperature

Clovis Unified School District (CUSD):

One of the Top Districts in California

National Blue Ribbon Schools Program 100+ times as California Distinguished Schools. Over 600 League, Valley, State and National Athletic Championships in last 15 years.



Art & Culture

Art Hop, symphony orchestra, opera, ballet, theatre groups, museums, etc.

2-3

Hours from World-Class Central Coast Region

Monterey, Morro Bay, Carmel, Pismo Beach, etc.

International Local Airport

Local, College, Professional and Semi-Professional Sports Teams

Dozens of Annual Public Festivals

Armenian, Greek, Scottish, Hmong, Mexican, Chinese, East Indian, American Indian... to name a few



National Parks Within 1-2 Hours

Yosemite, Sequoia, Kings Canyon

Located in Clovis, CA

Clovis: Voted Best City to Raise a Family



90

Cultural Groups

One of the most diverse populations in the state

14

Large Farmer's Markets

Probably the best in all the nation

100's

of Church Congregations

Outdoor Enthusiasts Welcome

Walking, Running, Biking, Skateboarding, Fishing, Snowboarding, Skiing, Surfing, Camping, River Rafting, Kayaking, Water Skiing, Hiking, Rock Climbing, Gardening, Bird watching

Choose from hundreds of nearby Neighborhood & Regional Parks, Trails, Rivers, Lakes, Mountains, Beaches & Gardens



Affordable Cost of Living

\$276,400

median home value in Clovis, CA vs. \$449,100 statewide

\$827

median contract monthly rent costs in Clovis, CA (\$675-\$1,600)

\$1,287

median monthly housing costs in Clovis, CA

PHARMACY CAREERS

ABOUT CLOVIS, CA

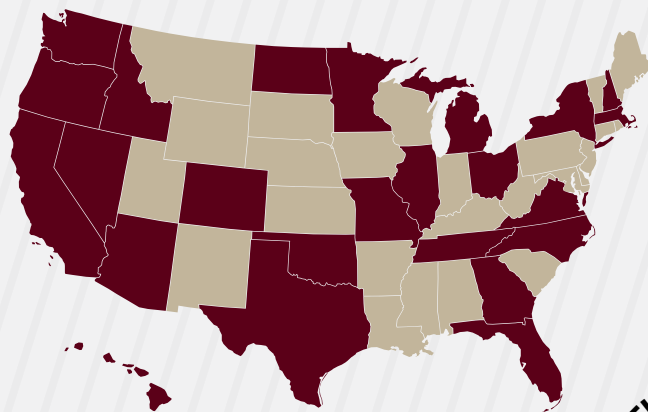
Professional Organizations

CHSU College of Pharmacy recognizes the significant contribution that students can make in the institutional decision-making process. Students in the College serve with faculty and staff on many committees. Various student government organizations serve as the voice of the students and are liaisons between students and the administration/faculty. Students at the College of Pharmacy are encouraged to become involved in professional organizations and extracurricular activities while enrolled.

The following organizations are currently established at CHSU College of Pharmacy:

- American Pharmacists Association
- California Pharmacist Association
- California Society of Health-System Pharmacist
- CHSU Student Government Association
- Intramural Club
- Kappa Psi
- Lambda Kappa Sigma
- Outdoor Adventure Club
- Phi Delta Chi
- Phi Lambda Sigma
- Student National Pharmaceutical Association

Visit www.chsu.org/student-organizations for more information



WHERE ARE OUR STUDENTS FROM?

CHSU students are from all over the country, as represented by the states in maroon

84%

of students are involved in at least one professional organization



45%

FEMALE

27

is the average age of our students attending CHSU



55%

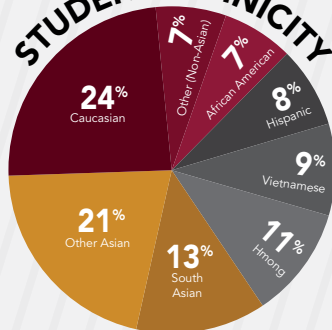
MALE

42%

have received scholarships



STUDENT ETHNICITY



What ACPE Candidate Accreditation Status Means



"We're proud to achieve this critical milestone with ACPE, which grants our students the same rights as full accreditation allowing them to take the pharmacy board exams upon graduation," said Florence Dunn, founding president at CHSU. "This achievement also gives incoming students the reassurance they need to select our new, innovative pharmacy program right here in the Valley."

Bureau of Private Postsecondary Education (BPPE)

The California Health Sciences University College of Pharmacy is a private institution that is approved to operate as such by the California Bureau for Private Postsecondary Education. "Approval to Operate" means that California Health Sciences University is in compliance with state standards as set forth in CEC94897 (1).

Any questions a student may have regarding this catalog that have not been satisfactorily answered by the institution may be directed to the Bureau for Private Postsecondary Education at 2535 Capitol Oaks Drive, Suite 400, Sacramento, California, 95833, <http://www.bppe.ca.gov/>, Phone: (888) 370-7589 or (916) 431-6959 or Fax: (916)263-1897.

As a prospective student you are encouraged to review this catalog prior to signing an enrollment agreement. You are also encouraged to review the School Performance Fact Sheet, which must be provided to you prior to signing an enrollment agreement.

A student or any member of the public may file a complaint about this institution with the Bureau for Private Postsecondary Education by calling 888-370-7589 or by completing a complaint form, which can be obtained on the bureau's Internet Web site <http://www.bppe.ca.gov>.

Western Association of Schools and Colleges (WASC)

California Health Sciences University has been recognized as a Candidate for Accreditation by WASC Senior College and University Commission (WSCUC), 985 Atlantic Avenue, Suite 100, Alameda, CA 94501, (510) 748-9001. This status is a preliminary affiliation with the Commission awarded for a maximum period of five years. Candidacy is an indication that the institution is progressing toward Accreditation. Candidacy is not Accreditation and does not ensure eventual Accreditation.

Accreditation Council for Pharmacy Education (ACPE)

California Health Sciences University College of Pharmacy program has applied for accreditation status by the Accreditation Council for Pharmacy Education for its PharmD program. The following reflects the current status and process for gaining accreditation.

California Health Sciences University College of Pharmacy's Doctor of Pharmacy Program

has been granted Candidate status by the Accreditation Council for Pharmacy Education, 135 South LaSalle Street, Suite 4100, Chicago, IL 60503, (312) 664-3575; FAX (312) 664-4652, web site www.acpe-accredit.org.

With respect to clarification of the meaning of Candidate status, graduates of a program so designed would, in the opinion of ACPE, have the same rights and privileges of those graduates from a fully accredited program. The Candidate status denotes a developmental program that is expected to mature in accord with stated plans within a defined time period. It should be underscored, however, that decisions concerning eligibility for licensure by examination or reciprocity reside with the respective state boards of pharmacy in accordance with their state statutes and administrative rules. Should Candidate status be awarded to a program, ACPE would, however, make its position known and make recommendations consistent with that position.

For an explanation of the ACPE accreditation process, consult the Office of the Dean or the Accreditation Council for Pharmacy Education, 135 South LaSalle Street, Suite 4100, Chicago, IL 60503, (312) 664-3575; FAX (312) 664-4652, web site www.acpe-accredit.org.

Office of Student Affairs

CHSU's Student Affairs centers upon you, the student. Our goal is to create an environment that cultivates student success.

Orientation prepares both new and continuing students based on their developmental needs. New students are oriented to team-based learning, process education, learn to learn methodologies, and CHSU's culture. A pre-orientation is also offered to provide new students in the spring.

Academic Support Services include personalized academic advising, free tutoring services, and coaching to improve study skills.

Students gain valuable **leadership experience** by participating in a variety of co-curricular activities, student organizations, an elective Leadership Course, leadership seminars, or by serving as a CHSU Student Ambassador.

Career Services connects students with career information, resources, and job/internship postings. Students engage in transformative one-on-one appointments and programs to help students formulate career plans, develop post-graduation objectives, and implement lifelong decision-making strategies.

A healthy campus culture and environment where each student thrives is an inspiring place to learn and grow. **Health and Wellness Services** assists students in coping with stress, provides resources related to pharmacy student needs, fosters an awareness of how health and wellness influences academic and personal development, and connects students to support services.

Contact us today to schedule a personal visit for you and your family!

Office of Admissions

120 N. Clovis Avenue, Clovis, CA 93612
admissions@chsu.org · (559) 325-3600

Discover.mychsu.org



*Student
success is
our highest
priority.*

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CALIFORNIA
HEALTH SCIENCES
UNIVERSITY
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