About Us

The Future of Health Begins Here
The Susan and Henry Samueli College of Health Sciences’ integrative model of health transcends traditional disciplinary boundaries. Here at UCI, interprofessional teams of educators, researchers and students leverage evidence-based integrative approaches to advance the frontiers of health.

School of Medicine
connecting innovative medical discoveries with the humanistic aspects of patient care

Sue & Bill Gross School of Nursing
championing interdisciplinary approaches that enhance the health of our communities

School of Pharmacy & Pharmaceutical Sciences
accelerating innovations that save lives, reduce costs and optimize medication use

Program in Public Health
creating, integrating and translating population-based knowledge into preventive strategies

Susan Samueli Integrative Health Institute
pioneering a multidisciplinary, evidence-based, integrative approach to health

Research Centers and Institutes
pushing the boundaries of innovation and discovery
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UCI Susan and Henry Samueli
College of Health Sciences

1001 Health Sciences Road
Irvine, CA 92697-3950

cohs.uci.edu
“DISCOVER. TEACH. HEAL.” That is our mission and the unique power of an academic health system.

How we pursue this mission has established UCI Health Affairs as a national leader.

The unifying force is the Susan and Henry Samueli College of Health Sciences. The college is built as a first-of-its-kind alliance, designed to harvest the synergies of the School of Medicine, the Sue & Bill Gross School of Nursing, the School of Pharmacy & Pharmaceutical Sciences, the planned School of Population & Public Health, the Susan Samueli Integrative Health Institute, the UCI centers and institutes of health and UCI Health, our healthcare delivery system.

The result is patient-centered, prevention-focused, team-based and community-wide strategies that are transforming how we advance the frontiers of knowledge, the ways we educate the diverse healthcare workforce of the future and, of course, how we serve.

Today, UCI practitioners work together to bring the best care to Orange County. They are also creating a new era of healthcare which is not only about responding to episodes of illness with the best possible treatments but fostering lifelong wellness. This is happening at UCI because students, staff and faculty from different health disciplines are working in interprofessional teams that value multiple perspectives; because conventional and complementary treatments are investigated and offered when proven to be effective; and because individuals and communities are empowered to make lifestyle changes that prevent and help treat disease.

The patient has a special role in our approach, as a partner with the practitioner, a relationship of shared respect and empathy that directs the course of care.

On behalf of the Susan and Henry Samueli College of Health Sciences, it is my great pleasure to share with you some of the highlights from the 2019-20 academic year. This is but a glimpse of the many successes of the pioneering investigators, the inspiring students, the dedicated mentors and top-tier healthcare providers. I am humbled to be surrounded by individuals with the stamina to dedicate their lives to excellence and creativity in service for others. They are improving the world.

Yours in health,

Dr. Steve Goldstein
Executive Leadership

Bernadette Boden-Albala  
M.P.H., Dr.P.H.  
Director and Founding Dean  
Program in Public Health

Rebecca Brusuelas-James  
Associate Vice Chancellor  
for Finance

Jan D. Hirsch, BS Pharm,  
Ph.D., FNAP  
Founding Dean  
School of Pharmacy &  
Pharmaceutical Sciences

Sheefteh Khalili, Ph.D.  
Chief of Staff  
Health Affairs

Khanh-Van Le-Bucklin, M.D.,  
M.Ed.  
Associate Vice Chancellor  
for Education

Chad T. Lefteris, FACHE  
Chief Executive Officer  
UCI Health

Sherry L. K. Main, MBA  
Assistant Vice Chancellor  
for Communications  
& Public Affairs

Shaista Malik, M.D., Ph.D.,  
M.P.H., FACC  
Associate Vice Chancellor  
for Integrative Health  
Executive Director  
Susan Samueli Integrative  
Health Institute

Terrance R. Mayes, Ed.D.  
Associate Vice Chancellor  
for Diversity and Inclusion

Adey M. Nyamathi, ANP,  
Ph.D., FAAN  
Founding Dean  
Sue & Bill Gross School of  
Nursing

Michael J. Stamos, M.D.,  
FACS, FASCRS  
Dean  
School of Medicine

Andrew K. Welch  
Associate Vice Chancellor  
for Health Advancement
Advisory Board

Francoise Adan, M.D., ABIHM
Director, UH Connor Integrative Health Network
Christopher M. and Sara H. Connor Chair in Integrative Health, University Hospitals

Catherine M. Baase, M.D., FFAFP, FACOEM
Board Chair, Michigan Health Improvement Alliance (MIHIA)

Margaret A. Chesney, Ph.D.
Professor and Director, Osher Center for Integrative Medicine, University of California, San Francisco

Tracy W. Gaudet, M.D.
Executive Director, Whole Health Institute

Julie A. Hill
Director, Anthem
Director, Lord Abbott
Chair, UCI Foundation

Joe Kiani
Founder, Chairman and CEO, Masimo Corporation

Mary Jo Kreitzer, Ph.D., RN, FAAN
Founder and Director, Earl E. Bakken Center for Spirituality & Healing
Professor, School of Nursing, University of Minnesota

Michael Mussallem
Chairman and CEO, Edwards Lifesciences
Trustee, UCI Foundation

Suzanne Stern
Community Leader
Ralph Stern
Founder, CareCredit

Thomas Tierney
Chairman and Co-Founder, BeeHive.com
Trustee Emeritus, UCI Foundation

Betty Tu, M.D.
Vice President, Pinnacle Resources International

David Tsoong, M.D.
Chairman & President, Pinnacle Resources International
Trustee, UCI Foundation
About the Board

The UCI Susan and Henry Samueli College of Health Sciences Advisory Board is comprised of academic, business and community leaders passionate about the success of the college. Led by Vice Chancellor for Health Affairs Dr. Steve Goldstein, this volunteer board provides strategic advice and champions the vision and mission of the college.

Fall and Spring Meetings

At the fall meeting in November 2019, expert panelists shared their thoughts and knowledge on technological advances in health and on integrative health in education, research and industry. Working groups explored interprofessional education and research and UCI’s differentiators. Valuable insights emerged about what the future can hold for UCI Susan and Henry Samueli College of Health Sciences.

During the virtually-hosted spring meeting in April 2020, the emerging coronavirus pandemic dominated the conversation. A review of UCI’s efforts—teams of researchers and practitioners responding to the crisis and navigating the path to recovery—demonstrated the power of UCI’s academic health system, a multifaceted, interdisciplinary enterprise designed to lead during this type of event. UCI faculty and staff worked with others across California and the nation to direct policy and clinical research with immediate impact. Recognizing the important role of integrative health during the pandemic, UCI Susan Samueli Integrative Health Institute began offering UCI employees free integrative health services through their newly established Employee Wellbeing Initiative.
School of Medicine

Founded 1896
Established 1967

Ranking
#44
2021 U.S. News & World Report (ranked in 2020)

Research
$189.7 million
FY 2019-20 award dollars, a 26% increase over prior year award dollars

Diversity
17%
percentage of students identifying as underrepresented minorities

“\textit{We connect innovative medical discoveries with the humanistic aspects of patient care. With a focus on integrative health, we deliver a patient-centered approach to healing.}"

Student Enrollment in fall 2019

- 105 Academic Graduate (M.S., Ph.D.)
- 495 Professional Graduate (M.D.)

Degrees Awarded summer 2018 to spring 2019

- 36 M.S.
- 15 Ph.D.
- 110 M.D.

Faculty & Trainees in fall 2019

- 999 Faculty
- 742 Affiliated Faculty
- 859 Residents and Fellows
Supporting Diversity

UCI School of Medicine stands together with the community in speaking out to condemn racism, xenophobia and hate in any form. It is steadfastly committed to building an environment rooted in inclusive excellence, one that recognizes, honors and respects people of all backgrounds and experiences. One example is the Leadership Education to Advance Diversity-African, Black and Caribbean program (LEAD-ABC). Through this program the school recruits top-level Black students and allies dedicated to lifting up and helping underserved communities. In spring 2020, the school demonstrated its commitment by successfully recruiting 12 Black first-year medical students, a percentage two times the national average.

Center for Clinical Research

UCI School of Medicine’s Center for Clinical Research is a centralized operation improving the health and wellness of people in Orange County and globally through access to groundbreaking and innovative clinical research. Launched just one year ago, the Center for Clinical Research has already helped to increase clinical trial awards by 53 percent.

Accelerating Discovery

The COVID-19 pandemic required unprecedented speed in funding life-saving research and reinforcing patient care. The John and Mary Tu Foundation generously gave a $2.5 million gift to address both needs; $1.25 million to UCI Health and $1.25 million to establish the UCI Joint Research Fund. UCI then rallied additional support bringing the research fund close to $2.5 million, funding 37 research studies.

National Academy

In October 2019, Krzysztof Palczewski, Ph.D., the Irving H. Leopold chair in ophthalmology and a professor of physiology & biophysics was elected to the prestigious National Academy of Medicine, an exceptional achievement and high distinction. The National Academy of Medicine elects no more than 90 members from the U.S. and 10 international members each year.
Sue & Bill Gross School of Nursing

Established 2017

Ranking

2021 U.S. News & World Report
Master's Programs (ranked in 2020)

#51

Research

FY 2019-20 award dollars, a 139% increase over prior year award dollars

$4.1 million

Diversity

percentage of students identifying as underrepresented minorities

34%

Adey M. Nyamathi, ANP, Ph.D., FAAN
Founding Dean

“At the UCI Sue & Bill Gross School of Nursing, we strive to produce leaders in research, education and clinical practice who will promote innovative and interdisciplinary evidence-based models of care to ensure the health of our communities.”

Student Enrollment in fall 2019

160 Undergraduate
15 Academic Graduate (Ph.D.)
62 Professional Graduate (MEPN, DNP)

Degrees Awarded summer 2018 to spring 2019

55 B.S.
19 M.S.
5 Ph.D.

Faculty in fall 2019

28 Faculty
23 Affiliated Faculty
New Building

The new 71,500-square-foot building for UCI Sue & Bill Gross School of Nursing will reside on a 9-acre health sciences complex on the corner of Bison and California. Design elements for the school and complex will combine classrooms, research labs, simulation centers and meeting spaces into collective environments that foster innovation and discovery. Classrooms, collaboration areas, team rooms and break areas will be strategically placed to create a synergistic atmosphere of collegiality.

Rendering of the future Sue & Bill Gross Nursing and Health Sciences Hall. // UCI

UCI UNITE CDU

To increase the number of underrepresented minority students enrolling in nursing Ph.D. programs, UCI Sue & Bill Gross School of Nursing developed a mentorship program for eligible Charles R. Drew University of Medicine and Science nursing students and alumni. The program began in 2019 with the goal of promoting aspiring doctoral students with promise as future academic researchers.

New Research Centers

UCI Sue & Bill Gross School of Nursing formed two new research centers this year. The UCI Infectious Disease Science Initiative seeks to understand the factors driving infectious disease outbreaks and antibiotic resistance. The Center for Nursing Philosophy provides a platform for increased nursing philosophy scholarship and aims to be a pioneering locus for nursing philosophy worldwide.

COVID-19 Testing

Clinical Professor and Associate Dean of Clinical Affairs Susanne Phillips, DNP, stepped up to lead some of Orange County’s first drive-thru screening sites to meet the growing demand for coronavirus testing. In addition to performing testing at the screening sites, UCI nurse practitioners also triaged patients, answered their questions and educated them about their symptoms.
School of Pharmacy & Pharmaceutical Sciences

Established 2020

Jan D. Hirsch, BS Pharm, Ph.D., FNAP
Founding Dean

“Building on the success of the UCI Department of Pharmaceutical Sciences, we have created a world-class School of Pharmacy and Pharmaceutical Sciences.”

Feeder University
in the U.S. to pharmacy schools nationwide

Research
FY 2019-20 award dollars, a 34% increase over prior year award dollars

Diversity
percentage of students identifying as underrepresented minorities

Student Enrollment in fall 2019

<table>
<thead>
<tr>
<th>Undergraduate</th>
<th>579</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic Graduate (M.S., Ph.D.)</td>
<td>33</td>
</tr>
</tbody>
</table>

Degrees Awarded summer 2018 to spring 2019

| B.S. | 102 |
| M.S. | 13  |
| Ph.D. | 5  |

Faculty in fall 2019

| Faculty | 17 |
| Affiliated Faculty | 21 |
School Status

On July 30, 2020 the University of California Regents approved the establishment of the UCI School of Pharmacy & Pharmaceutical Sciences. The school will build on its strong foundation of basic science and plans to welcome its first class of Pharm.D. students in the fall of 2021. The new school educates pharmaceutical scientists and clinical pharmacists who will be integral to discovering and implementing new solutions to optimize medication usage, patient outcomes and cost-effective healthcare.

Addressing Racial Injustices

During the height of the Black Lives Matter protests, UCI School of Pharmacy & Pharmaceutical Sciences recognized their school’s previously created Diversity, Equity and Inclusion Plan was inadequate. The Diversity, Equity and Inclusion Committee created a new plan which is more proactive, immediate and action-oriented.

Clinical Pharmacy Practice

The Department of Clinical Pharmacy Practice was established in 2019. It will deliver a didactic and experiential curriculum for UCI School of Pharmacy & Pharmaceutical Sciences’ new Pharm.D. program. Alexandre Chan, Pharm.D., M.P.H., was appointed Professor and Founding Chair of the new department.

COVID-19 Research

Four pharmaceutical sciences faculty, Professors John Chaput, Ph.D., Young Jik Kwon, Ph.D., Andrej Luptak, Ph.D. and Weian Zhao, Ph.D., were awarded COVID-19 research awards by UCI. Their work offers the promise of major, and possibly immediate, impact on efforts to mitigate the spread of COVID-19 and minimize the negative effects of the coronavirus pandemic.
Program in Public Health

Established 2003

Ranking
2021 U.S. News & World Report (ranked in 2020)

#37

Research
FY 2019-20 award dollars, a 112% increase over prior year award dollars

$7.9 million

Diversity
percentage of students identifying as underrepresented minorities

36%

Bernadette Boden-Albala, M.P.H., Dr.PH.
Director and Founding Dean

“Public health is at the forefront of every policy decision and our future. More than ever before, our commitment to health equity drives our mission. Our world-class faculty, professional staff and highly-accomplished students are engaged in novel teaching, groundbreaking research and community practice in efforts to address both chronic and emerging health challenges.”

Student Enrollment in fall 2019

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<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>1,208</td>
<td>Undergraduate</td>
</tr>
<tr>
<td>35</td>
<td>Academic Graduate (Ph.D.)</td>
</tr>
<tr>
<td>45</td>
<td>Professional Graduate (M.P.H.)</td>
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Degrees Awarded summer 2018 to spring 2019

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<tbody>
<tr>
<td>251</td>
<td>B.A.</td>
</tr>
<tr>
<td>235</td>
<td>B.S.</td>
</tr>
<tr>
<td>23</td>
<td>M.P.H.</td>
</tr>
<tr>
<td>3</td>
<td>Ph.D.</td>
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Faculty in fall 2019

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<tbody>
<tr>
<td>26</td>
<td>Faculty</td>
</tr>
<tr>
<td>30</td>
<td>Affiliated Faculty</td>
</tr>
</tbody>
</table>

UCI Susan and Henry Samueli College of Health Sciences
COVID-19 and Public Health

From the very beginning of the coronavirus pandemic, the Program in Public Health has engaged and educated UCI, Orange County and beyond through a series of forums, a COVID-19 chatline staffed by trained undergraduate students and a four-week contact tracing workshop with over 500 participants. In partnership with Orange County Health Care Agency, they are conducting a rigorous population-based study to estimate the true prevalence of the pandemic in Orange County.

3 New Departments

In June 2020, UCI Program in Public Health welcomed three new departments: Epidemiology and Biostatistics, Environmental and Occupational Health, and Health, Society, and Behavior to the existing Department of Population Health and Disease Prevention. The addition of these new departments represents the first step toward the transition to the planned School of Population & Public Health.

Lunchtime Lectures

This Spring, UCI Program in Public Health launched Lunchtime Lectures, a new series featuring public health faculty and the work they are doing to address COVID-19. With 20 minutes of lecture and 10 minutes of Q&A, these brief and engaging sessions provided timely information about the coronavirus pandemic in an easy to digest format.

BLM Initiatives

UCI Program in Public Health stands in solidarity with our Black students, staff, faculty and community members, rejecting racism and hate in all of its forms. The program will soon launch an array of initiatives aimed at amplifying the voices and work of students of color. Committees and workshops will be designed to ensure all curricula and admissions processes remain equitable.
**Susan Samueeli Integrative Health Institute**

Established 2001

- **Clinical Visits** for integrative health: 21,599
- **Research** funded by NIH awards and foundation awards in FY 2019-20: $1.2 million
- **UCI Employees Served** as part of the UCI Employee Wellbeing Initiative: 1,565

Shaista Malik, M.D., Ph.D., M.P.H., FACC
Associate Vice Chancellor for Integrative Health and Executive Director

“Our purpose is to continue providing quality integrative care to the greater Orange County region, as well as to establish ourselves as leaders in the field of integrative health, not only regionally, but nationally.”

**Medical Students in fall 2019**
- 24 Health Education to Advance Leaders in Integrative Medicine (HEAL-IM) Track

**Residents in fall 2019**
- 11 Family Medicine Integrative Track
- 4 Naturopathic Track
- 5 Internal Medicine and Family Medicine (took the IM/CAM elective)

**Workforce in fall 2019**
- 5 Faculty
- 38 Clinicians
- 25 Staff
Employee Wellbeing Initiative

In April 2020, UCI Susan Samueli Integrative Health Institute (SSIHI) began offering free no-contact mindfulness, acupressure, yoga, massage and stress management sessions to UCI employees. SSIHI recognized that employee health and well-being is important and vital to the UCI community. Over 1,565 visits were delivered to employees during the first three months of the initiative.

Top Funded Institute

UCI Susan Samueli Integrative Health Institute is one of the top continuously NIH-funded integrative health institutes in the nation. Funded research projects include studies on the use of acupuncture in hypertension, the effect of chelation in cardiovascular disease and tracking clinical outcomes in those using an integrative model of care.

HEAL-IM

Launched in fall 2019, Health Education to Advance Leaders in Integrative Medicine (HEAL-IM) is a four-year longitudinal program for medical students (with an optional fifth year of instruction). HEAL-IM is designed to focus specifically on advancing integrative medicine research, education and clinical practice to promote individual and population wellness.

Underserved Patients

With both Serve the People Community Health Center and the UCI Family Health Center in Santa Ana, and with the support of the Eleanor Tang/Kay Family Foundation and the Estate of Lois Eisenberg, the Susan Samueli Integrative Health Institute has provided underserved patients with integrative primary care since January 2018.
Chao Family Comprehensive Cancer Center

UCI Chao Family Comprehensive Cancer Center, led by Associate Vice Chancellor and Director Richard A. Van Etten, M.D., Ph.D., is the only National Cancer Institute-designated comprehensive cancer center in Orange County. National Cancer Institute cancer centers are national leaders in cancer research, education and treatment; cancer centers designated as comprehensive are at the forefront, signifying they have met rigorous criteria aimed at providing world-class patient care and innovative research. For the past 25 years, UCI Chao Family Comprehensive Cancer Center has carried out the mission to alleviate the burden of cancer on the residents of this region. In 2019 alone, more than 6,300 new patients benefited from the advanced treatment provided by the UCI Chao Family Comprehensive Cancer Center.

Institute for Clinical and Translational Science

UCI Institute for Clinical and Translational Science, led by Associate Vice Chancellor and Director Dan Cooper, M.D., is funded by the National Institutes of Health under the Clinical and Translational Sciences Award (CTSA) program. UCI Institute for Clinical and Translational Science functions as a local centerpiece for the national program, which includes more than 50 U.S. medical research institutions and is dedicated to advancing scientific discovery and medical breakthroughs. A major goal of UCI Institute for Clinical and Translational Science is to partner with the 3.5 million people in our diverse communities and serve as a laboratory for translational science – integrating data gathering and evaluation to develop, demonstrate and disseminate novel research tools that can palpably advance health in Orange County, across the country and throughout the world.
Precision Health through Artificial Intelligence

UCI Precision Health through Artificial Intelligence Initiative is led by Co-Directors Leslie M. Thompson, Ph.D., Peter D. Chang, M.D., Daniel S. Chow, M.D., and Suzanne Sandmeyer, Ph.D. Today’s vastly improved health and longer lifespans also bring chronic disorders arising from cumulative genetic, environmental and metabolic factors. Simultaneously, the increasing sophistication of medical diagnostics yields an exponential growth in the density and complexity of aggregated healthcare data. Together, these factors provide an unprecedented opportunity to study differences in disease among individuals and provide tailored patient care. The mission of the UCI Precision Health through Artificial Intelligence Initiative is to leverage machine learning technology to transform population-level through molecular-level data into personalized health solutions, and make these tools available to providers and patients globally.

Sue & Bill Gross Stem Cell Research Center

UCI Sue and Bill Gross Stem Cell Research Center, led by Director Aileen J. Anderson, Ph.D., is a dynamic center encompassing a diverse array of interdisciplinary investigators that span the Schools of Medicine, Biological Sciences, Pharmacy & Pharmaceutical Sciences, Engineering, Arts and Law. The center’s state-of-the-art, LEED Platinum certified research and clinical building houses 23 of 50 center faculty. UCI Sue & Bill Gross Stem Cell Research Center faculty have obtained more than $200 million dollars in grant and foundation funds (including over $125 million dollars from the California Institute for Regenerative Medicine). Research programs include an NIH-sponsored T32 training grant, state-of-the-art shared equipment and research services programs, community lecture series, annual stem cell science symposium and seminar series.
Research Highlights

In Context

In fiscal year 2019-20, research awards increased over 27% from $180 million in the prior fiscal year to a record high of $230 million. Research awards to the college—inclusive of the college’s academic units, Susan Samueli Integrative Health Institute, Chao Family Comprehensive Cancer Center, Institute for Clinical and Translational Science and Sue & Bill Gross Stem Cell Research Center—account for 43% of UCI’s total research funding.

Clinical Trials

Clinical Trials for fiscal year 2019-20 rose to $66.5 million, an increase of 55% over the prior fiscal year.

Federal Funding

Federal funding for fiscal year 2019-20 was $111.9 million, an increase of 49% over the prior fiscal year.

Student Support

Training grants, scholarships and fellowships for fiscal year 2019-20 reached $9.1 million, an increase of 67% over the prior fiscal year.
College Research Headlines

» Dr. Devon Lawson, an assistant professor of physiology & biophysics, and Dr. Kai Kessenbrock, an assistant professor of biological chemistry, join national effort to build atlas of human breast cells; Project is supported by $4 million grant from Chan Zuckerberg Initiative (July 1, 2019)

» UCI team led by Dr. Weian Zhao, associate professor of pharmaceutical sciences and biomedical engineering, pioneers cancer treatment that targets bone metastases while sparing bone; new, safer approach using engineered stem cells could reduce need for chemotherapy (July 8, 2019)

» Dr. Tallie Z. Baram, Danette Shepard chair in neurological studies, awarded $15 million Conte Center grant; NIH funding to support continued research into early-life origins of mental disorders (July 10, 2019)

» Dr. Robert Spitale, associate professor of pharmaceutical sciences, wins $900,000 Ono Pharma Breakthrough Science Initiative Award (July 12, 2019)

» UCI stem cell researcher Dr. Brian Cummings, professor of physical medicine & rehabilitation, receives $4.8 million CIRM grant to address traumatic brain injury (July 26, 2019)

» Dr. Jun Wu, associate professor of public health, awarded $2.5 million National Institute of Environmental Health Sciences grant to study air pollution and pregnancy complications in complex urban environments (August 16, 2019)

» UCI Institute for Clinical & Translational Science, led by Director and Associate Vice Chancellor Dr. Dan Cooper, receives $24 million NIH grant; funding continues campus effort to speed scientific discoveries into medical advances (September 5, 2019)

» Dr. Sherrie Kaplan and her colleagues in the UCI Health Policy Research Institute to use $1.4 million award to improve how diabetic children are treated (December 4, 2019)

» Dr. Michelle Fortier, associate professor of nursing, receives $40,000 Anti-Cancer Challenge Grant to study a goal-directed intervention for adolescent cancer survivors (February, 2020)

» Dr. Sanghyuk Shin, assistant professor of nursing, receives $3.16 million NIH R01 award to understand how TB spreads in populations affected by HIV (February, 2020)

» UCI research team led by Dr. Seyed Ahmad Sajjadi, assistant professor of neurology, receives $3.5 million grant to study elderly with certain type of dementia (March 23, 2020)

» UCI Health launches therapeutic clinical trial for COVID-19 led by Drs. Lanny Hsieh and Alpesh N. Amin in the School of Medicine; drug developed to fight Ebola may be effective against coronavirus (March 25, 2020)

» Dr. Brittany Morey, professor of public health, awarded the ICTS Pilot Studies Award to study neighborhood risk and resilience for Asian American, Native Hawaiian and Pacific Islander respiratory health disparities (April 6, 2020)

» Dr. Andrej Luptak, professor of pharmaceutical sciences awarded the Guggenheim Fellowship (April 14, 2020)

» Fast-tracked funding; to expedite campus response to pandemic, UCI leadership amasses $2.5 million for COVID-19 research projects (May 11, 2020)

» UCI Program in Public Health and County of Orange partner on large-scale COVID-19 surveillance antibody testing; results will help determine true prevalence and inform lifting of local lockdown (May 14, 2020)

» UCI develops low-cost, accurate COVID-19 antibody detection platform; portable imager could massively increase testing across nation by end of 2020 (August 19, 2020)
UCI Susan and Henry Samueli College of Health Sciences

Office of Education was established in February 2020

UCI Susan and Henry Samueli College of Health Sciences is pioneering an educational model to teach the next generation of health sciences professionals. This spring, the Office of Education was established and Khanh-Van Le-Bucklin, M.D., M.Ed. was appointed associate vice chancellor for education to facilitate the development of new curricula across the college, drive the development of interprofessional education and support the creation of new certificate and degree-granting programs within the college and with other schools across UCI. A career educator and accreditation expert, Dr. Le-Bucklin will also guide the college in addressing institutional needs for accreditation.

A Large, Successful Student Body and their Faculty

- **Total student enrollment** in the college in fall 2019: 2,737
- **Total degrees awarded** by the college summer 2018 to spring 2019: 872
- **Total faculty** in the college in fall 2019: 1,070
Learning and Serving Together During the COVID-19 Pandemic

In the midst of the coronavirus pandemic, students in the college stepped up to serve the community in a time of need. Students used their skills to connect virtually with patients and vulnerable populations through endeavors such as UCI Program in Public Health’s COVID-19 chatline, UCI Sue & Bill Gross School of Nursing’s UCI Health Virtual Visitor Project, and UCI School of Medicine and Nursing’s Assisting and Supporting Socially Isolated Seniors Through Telephoning program. Students also organized personal protective equipment drives, delivered groceries to essential health personnel and assembled thousands of face shields using 3-D printing and laser cutting technology available through UCI Beall Applied Innovation.

Virtual and Drive-Thru Commencement Ceremonies

Like many other graduates across the U.S., students in UCI Susan and Henry Samueli College of Health Sciences class of 2020 celebrated their commencement via Zoom, which concluded with a proud UCI “Zot! Zot! Zot!” rallying cry led by college leadership.

On May 30, 2020, UCI School of Medicine students made national news when they graduated from the seats of their cars in a drive-thru commencement ceremony. A friend or relative of each graduate had the honor of hooding the new M.D.
Diversity and Inclusion Highlights

Diversity in Graduate Medical Education Residency Open House

UCI promotes inclusive excellence by recruiting and supporting a wide array of physicians who serve a diverse patient population and enable our local Orange County community to thrive.

This year’s annual Diversity in Graduate Medical Education Residency Open House was held virtually on August 22, 2020. A total of 217 fourth-year medical students from across 92 U.S. medical schools learned about UCI’s Graduate Medical Education programs firsthand from the UCI School of Medicine dean, residents, faculty and program directors. Prospective residents took a virtual tour of the UCI Medical Center led by Dean Michael J. Stamos, M.D., and participated in virtual break-out rooms organized by medical specialty and facilitated by residency program directors and chief residents.

Eighty-five percent of the medical students who attended the 2019 inaugural open house applied for residency at UCI.

Student and Faculty Diversity by the Numbers

| Percentage of Students in the college identifying as underrepresented minorities in fall 2019 | 28% |
| Percentage of undergraduates in the college identifying as first-generation in fall 2019 | 54% |
| Percentage of faculty in the college identifying as women in fall 2019 | 40% |
Health Equity and Diversity Symposium

UCI recognizes that health equity – when all people, regardless of gender, race, socio-economic status, geographic location, religion or other sociocultural factors have the necessary access and resources to live the healthiest life possible – is critically important for our society.

The 2nd Annual Health Equity and Diversity Symposium on November 6, 2019 explored innovative and interdisciplinary strategies for addressing health disparities in the U.S. and around the globe.

The symposium included research presentations and a panel discussion from faculty members representing both the UCI and UCLA Schools of Medicine. The event was capped off with keynote speaker Loretta Sweet Jemmott, Ph.D., RN, FAAN, professor and vice president for health & health equity at Drexel University.

An Expanded Medicine and Nursing LGBTQ+ Curriculum

Third-year UCI medical students and close friends Alex Marlow and Kelton Mock changed the landscape of learning in UCI School of Medicine when they teamed with Ellena Peterson, Ph.D., then associate dean of medical school admissions, and Terrance Mayes, Ed.D., associate vice chancellor for diversity and inclusion. In 2018, the group applied for and received a $30,000 Confronting Extremism grant from UCI Office of Inclusive Excellence. The grant project aimed to bridge the gap between medical and nursing education and the LGBTQ+ community and improve healthcare delivery through dialogue, education and understanding.

Through the efforts of the LGBTQ+ curriculum committee, LGBTQ+ case studies and standardized patient exams have been added to the medical school curriculum. As a result, the number of medical students who feel competent in their abilities to work effectively with LGBTQ+ patients more than doubled from 41 percent to 88 percent between students’ first and third years of medical school.
Capital Projects

Renderings of the future Susan and Henry Samueli College of Health Sciences Complex. // UCI
UCI started construction on Susan and Henry Samueli College of Health Sciences complex

“UCI is creating a national model for integrative health teaching, research and delivery. These two new buildings [Susan and Henry Samueli College of Health Sciences Building and Sue & Bill Gross Nursing and Health Sciences Hall], part of our expanded health sciences campus, will ensure that our dedicated researchers and clinicians set a standard that, over time, other medical centers in the U.S. can follow.”

- UCI Chancellor Howard Gillman

After years of planning and programming, and three intense days of reviewing design-build proposals, Hathaway Dinwiddie Construction Company was selected to construct UCI’s new college and nursing buildings. The site – on the corner of Bison and California avenues – will include the state-of-the-art, five-level, 108,200-square-foot Susan and Henry Samueli College of Health Sciences building and the adjoining four-level, 71,500-square-foot Sue & Bill Gross Nursing and Health Sciences Hall.

The $185 million project also encompasses a large auditorium, a central courtyard that connects with the Gavin Herbert Eye Institute, landscape design elements that support activities such as yoga and tai chi, a Zen garden and a 600-foot-long wellness walk that leads to Hewitt Research Hall, Gross Hall and other health sciences facilities. In addition, the Susan and Henry Samueli College of Health Sciences Building will house UCI Susan Samueli Integrative Health Institute.
Advancement and Engagement

“We still have the hunger and daring of youth, and we dare to dream big.”

At the UCI Brilliant Future campaign launch on October 4, 2019, Dr. Steve Goldstein shared UCI’s vision of the future: “We dream of preventing Alzheimer’s Disease, and if it has begun, to reverse the devastation. We dream of preventing cancer, and where it arises, to cure it. We dream of eliminating health disparities so all people live better, longer lives. Already, we are creating the healthcare workforce of the future, so the diversity of our community is reflected in the diversity of our providers. Already, we are introducing integrative health into our hospital to control pain, reducing the use of habit-forming opioids. Already, we are using artificial intelligence to prevent damage from strokes by giving treatment in under 5 minutes, an hour faster than at other hospitals. We do all of these things now and we dream for the future. Why? Because we know it is our responsibility to do what others cannot and then teach them how. At UCI, we dream of a Brilliant Future for all of us.”

$425m

17,418

18

*UCI Brilliant Future campaign data (as of June 30, 2020) exclusively for UCI Susan and Henry Samueli College of Health Sciences.
UCI Health Neuroscience Symposium
September 2019

13th Annual UCI Diabetes Center Fundraiser
November 2019

Stem Cell Research Center Community Lecture Series
January 2020

20th Annual Allen and Lee-Hwa Chao Lectureship in Cancer Research
February 2020

COVID-19 Forums and Podcasts broadcasting expert voices launched
February 2020

Research Associates Luncheon
October 2019

UCI Brain Initiative Launch
November 2019

Governor’s Alzheimer’s Disease Prevention and Preparedness Roundtable
January 2020

2020 Health Care Forecast Conference
February 2020

OC COVID-19 Site powered by UCI and UCI Health launched
April 2020
Looking Ahead
School Status

UCI Program in Public Health successfully transitioned from one department to four departments. Next steps toward school status include a full proposal review by the UCI Senate, UC Senate and other CA State officials before seeking approval from the University of California Board of Regents.

Research

The college set another record this fiscal year with $230 million dollars in research award funding. Additional investments in clinician-investigators and research infrastructure will continue this forward momentum and further extend the college’s research impact.

Advanced Care

UCI is bringing world-class healthcare to coastal and southern Orange County with plans to build the UCI Health Center for Advanced Care, including the Center for Children’s Health, adult specialty care, urgent care and other services needed in the region for the entire family. The center will give Orange County residents greater accessibility to UCI’s world-class physicians, multidisciplinary care and clinical research.

Education

The newly formed Office of Education in UCI Susan and Henry Samueli College of Health Sciences is educating the next generation of health sciences professionals to transcend current boundaries. The office is developing the college’s technologically advanced, interprofessional curriculum and designing student services to support student success, mental health and wellness.