



**UCDAVIS
HEALTH**

**PROFESSIONAL
NURSING PRACTICE**
2018 Annual Report



**AUGUST 13–16, 2018:
CLINICAL NURSES LEAD
THE SITE VISIT WITH
MAGNET APPRAISERS**

L – R: Clinical nurses Nancy Chiang; Ashley Huizar; Janeen Chang; Melody Hillstrom; Red East Tumang; Delia Christian; Anna Olszewski; Becca Billing; Annie Tat



**OCTOBER 18, 2018: OVER
100 STAFF MEMBERS
SHARE EXCITEMENT
WITH UC DAVIS HEALTH
LEADERS AS THEY HEAR
THE OUTCOME FROM
THE COMMISSION ON
MAGNET RECOGNITION**

L – R: Ellen Kissinger; Joleen Lonigan; Toby Marsh; Brad Simmons; David Lubarsky
(More info: Page 5)

CELEBRATING OUR FOURTH MAGNET DESIGNATION

Transforming Patient Care



Each year the nursing staff at UC Davis Medical Center continues to advance our vision of delivering the highest quality of patient care provided through the advancement of nursing practice, which allows us to provide science-based, technologically precise, compassionately delivered patient care to our community.

UC Davis Medical Center continues to be among elite clinical-care institutions in the nation, evidenced by receiving its fourth Magnet® designation. Through the designation a number of nursing practices were cited — including daily safety huddles, nurse education and training, and the leveraging of the hospital’s electronic medical records to reduce infections — as among the exemplars of excellence.

Additionally, in 2018, our nurses and medical center were recognized for their excellence by being:

- Awarded the first PRISM Award on the West Coast by the Academy of Medical Surgical Nurses
- Ranked in 11 adult and 5 pediatric specialties among the top 50 hospitals by *U.S. News & World Report*
- Recognized for a level IV Comprehensive Epilepsy Program
- Verified as the Sacramento region’s only level I adult and pediatric trauma center by the American College of Surgeons
- Recipients of an ‘A’ Grade for patient safety from the Leapfrog Group
- Recognized as a “Leader in LGBTQ Healthcare Equity” by the Human Rights Campaign Foundation, and achieving a perfect score of 100
- Awarded CALNOC’s Performance Excellence Award for Best Performance in Preventing CAUTI and Hospital Acquired Pressure Ulcers

I couldn’t be prouder of our professional nursing staff. Thank you all for your special dedication — to our organization, our field, each other, and ultimately our patients.

With gratitude,

Toby K. Marsh, RN, MSA, MSN, FACHE, NEA-BC

Chief Nursing and Patient Care Services Officer
UC Davis Medical Center

Transformational Leadership

Nurses at all levels of the organization demonstrate advocacy and influence change to achieve extraordinary outcomes in an environment of mutual respect.



NATIONAL BLACK NURSES ASSOCIATION HONORS TWO UC DAVIS NURSES AND GRADUATE STUDENTS

Sherena Edinboro and Carter Todd, UC Davis Health nurses and graduate students at the Betty Irene Moore School of Nursing at UC Davis, received 45 and Under Awards from the National Black Nurses Association (NBNA) at the organization's 46th annual conference in 2018. The awards honor and celebrate NBNA members 40 and under who show strong leadership and demonstrate excellence and innovation in their practice settings, their NBNA chapters, and in the communities they serve.



Sherena volunteers to establish the Sacramento County Commission on the Status of Women and Girls, where she works to make the region a CEDAW city: The Convention on the Elimination of All Forms of Discrimination Against Women. Carter conducts research in Sacramento barbershops with the aim of increasing African American men in nursing.

In addition to leading and participating in a variety of community and professional activities, Carter and Sherena also teamed up as co-founders of the Sacramento region's first nationally affiliated chapter of NBNA.

ADVOCATING FOR UNDERSERVED CALIFORNIA PATIENTS

Over the last year and a half, inpatient endocrinology/ glycemic quality team member Berit Bagley RN, BSN, CDE, has used her personal time to advocate to the California legislature for coverage of continuous glucose monitors (CGM) for the underinsured. Her efforts come as a member of a coalition that includes the American Association of Diabetes Educators, the American Association of Clinical Endocrinologists, the ADA and the AMA.

Meticulous blood-sugar monitoring and management are keys to avoiding diabetes complications, and Bagley began using CGMs herself after struggling to get her own levels just right during her own first year with Type 1 diabetes (which included nighttime shifts).

The CGM system constantly monitors interstitial glucose levels, and uses alerts to inform users when blood glucose reaches life-threatening levels. The alarm function may serve as the only warning of emerging hypoglycemia for some patients, Bagley said, and the devices can also help guide disease-management decisions such as insulin adjustments and dietary changes.

Bagley said commercial insurance already covers CGMs, and state Assembly Bill 447 would require Medi-Cal to do so as well.

“As a diabetes nurse educator and a person who faces the challenges of managing diabetes every day, I can tell you firsthand that CGMs can change lives — and improve the health of tens of thousands of low-income Californians who are most at-risk for complications,” she said.

The views expressed in this article are those of the subject. The University of California had not taken a position on this legislation at press time.

INCREASING NURSE LEADERSHIP WITH FELLOWSHIP PROGRAM

In an effort to target the unique leadership development needs of nurse managers, the American Organization of Nurse Executives (AONE) developed an innovative Nurse Manager Fellowship Program that provides in-depth learning and prepares nurses to lead change in advancing health care. Two nurse managers have participated to date and have continued strengthening their skills, mastering new competencies, and performing the life-long learning needed for the next generation of successful nurse leaders.



Cheryl L. McBeth, RN, BSN, MS, CCRN, is the manager of the pediatric and cardiac intensive care unit and the Children’s Hospital critical care transport team. Her fellowship project will focus on reducing the bloodstream infection (BSI) rates in the hospital by going back to the basics of scrub the

hub. Cheryl’s strategies will include introducing better and more time-efficient products for scrubbing the hub, and proving education of the process and its importance.



Kelly MacPherson, RN, MS, EdD, NEA-BC, is the manager of the Center for Professional Practice of Nursing. Her fellowship project is “Challenging Assumptions: Reducing Waste Through Targeted Anticipatory Care.” The project seeks to develop evidence-based guidelines for

standard bedside equipment, to improve and identify opportunities for efficiency, and to meet UC sustainable-practice goals through a targeted reduction of total solid waste. The practice of stocking each patient’s bedside with a variety of disposable emergency airway supplies in the non-ICU areas will be critically reviewed, with explorations of best practices and organizational data regarding trends in the use of these supplies in providing patient care. Collaboration with Davis 12 Surgical Specialties Unit, East 6 Cardiothoracic Progressive Care Unit, nurse managers Barbara Gumnor and Melinda Bright, and E6 Champion Diane Boyer has been instrumental to the success of the project.



RENEWED MAGNET® DESIGNATION

UC Davis Medical Center has achieved the nation’s highest form of recognition for nursing excellence — renewed Magnet® designation from the American Nurses Credentialing Center.

Last October, more than 100 people gathered in the UC Davis Comprehensive Cancer Center auditorium to hear the chair of the Commission on Magnet Recognition announce the re-designation. A number of excellence exemplars enabled UC Davis Medical Center to achieve this renewed honor, including daily safety huddles, nurse education and training, and the leveraging of the hospital’s electronic medical records to reduce infections. We are Sacramento’s only hospital — and one of less than 10 percent across the country — to receive this prestigious recognition.

Structural Empowerment

Nurses engage in shared decision-making to establish standards of practice and improve patient outcomes through professional development, collaboration and contributions within the community.



SMAAP Facilitators, L – R: Sandie Dial, Jerry Bambao, Kristen Trask, Michael Dion, Andrea Vega Torres, and Colleen Fields

ADVANCING RELATIONSHIP-BASED CULTURE

UC Davis Health is honored to have the longest-standing Re-Igniting the Spirit of Caring Program — an opportunity that was introduced to support primary nursing 15 years ago. The development of two more workshops in 2018, See Me As a Person (SMAAP) and Leading An Empowered Organization (LEO), have also helped advance the primary relationship beyond nurse and

patient — but also to colleagues, the workplace, other disciplines, and the community.

These programs are in support of our “healing culture” which hold all people with respect and dignity. Every individual at UC Davis Health is supported in reaching their full potential and are valued for their contribution to the health and healing of patients. We recognize that care, safety, quality and financial health emerge from tasks and relationships. All the technical aspects of health care occur in the context of human relationships, which means that all technical tasks underlying the provision of care work better when we tend to those relationships. Healthy relationships are formed through therapeutic practices of attuning, wondering, following, and holding. Through the application of these practices — at all levels and in all disciplines — we advance our relationship-based culture.

Last year, six Patient Care Services nurses were chosen for their professional practice and received training and coaching to become internal facilitators for SMAAP. The group facilitated seven workshops that 170 assistant nurse managers attended.

FELLOWS OF THE AMERICAN COLLEGE OF HEALTHCARE EXECUTIVES

In 2018 Joleen Lonigan, RN and Kristin Mensonides, oncology services director at the UC Davis Comprehensive Cancer Center, received their FACHE credential from the American College of Healthcare Executives, an esteemed designation for health care leaders.

L – R: Non-UC Davis employees Erick Berry, Kimberly Brown Sims, Andrew Pete, UC Davis RN Joleen Lonigan and UC Davis oncology services director Kristin Mensonides.



NURSE LEADERS IN PROFESSIONAL ORGANIZATIONS



Karen L. Semkiw, RN, MPA, NEA-BC, CPHQ, children's surgical program manager, has been elected treasurer of the American Pediatric Surgical Nurses Association (APSNA).



Patrick Lastowski, RN, BSN, MBA, manager of employee health services, has been appointed to the Association of Occupational Health Professionals in Health-care (AOHP) Board

of Directors, Region I. Lastowski previously participated on the association's Government Affairs Committee and served as the committee's representative for Region I.

FOSTERING INTERPROFESSIONAL PARTNERSHIP TO HELP UNDERSERVED COMMUNITIES

The Betty Irene Moore School of Nursing at UC Davis and the UC Davis School of Medicine work together to transform primary care education and community health through the System-transforming, Patient-centered, Longitudinal, Interprofessional Community-based Education (SPLICE) program.

The collaborative program drives better patient outcomes — especially for the underserved population — by improving the patient experience, advancing population health, reducing costs and enhancing provider well-being.



NICU REUNION: SHARING MEMORIES WITH PATIENTS AND FAMILIES

During the summer, former UC Davis Children's Hospital Neonatal Intensive Care Unit (NICU) patients and their families came together for a reunion celebration at Fairytale Town in Sacramento. The evening was an opportunity for parents to share memories of their time in the NICU with their caregivers and also meet fellow NICU families.



GIVING BACK TO RONALD MCDONALD HOUSE

Nurse manager **Calene Roseman, North 1 staff**, and their **Unit Based Practice Council (UBPC)** gave back to the community by raising nearly \$400 and then preparing a delicious buffet meal for 80 people at the Ronald McDonald House. The facility is a home away from home for families who have traveled significant distances to seek treatment for a child at UC Davis Health.

Other nurses have also participated in giving back to families staying at the facility. UC Davis Children's Hospital created a monthly donation wish list — giving nurses the opportunity to donate non-perishable food items and goods to help families during their stay. **Children's hospital educator Michelle Linenberger** coordinated the successful effort for the last year.

Structural Empowerment continued



350 SENIOR TOTES DONATED

For the past five years Angie Marin, MSN, RN-BC, nurse manager on Davis 7 Pediatrics, has organized Senior Totes for Sacramento County Adult Protective Services. Over the

course of that time, UC Davis Medical Center has donated more than 350 totes. Last year, 80 tote bags were donated by staff across the medical center.

COMMUNITIES SERVED BY OUTREACH PROGRAM

Labor and delivery nurse Karen Stepp spent a week serving as a volunteer and a supervising base camp RN in the Mexicali Valley for the Azusa Pacific University's Mexico Outreach Program. Stepp rallied with other volunteers to run free health clinics while providing support to local churches, public health organizations, orphanages, and prisons.



MEDICAL MISSION — PANAMA

Nurses at UC Davis Health continue to volunteer their time and expertise for nonprofit organizations around the world. Last June Diana Cortez, Elaine Phipps and Maritsa

Prado-Ruiz participated in a medical mission to rural Panama, volunteering with Hands for Global Health, a Bay Area-based nonprofit that partners with Hands for Americas to provide primary care to rural communities. During the mission, the Global Health medical brigade provided wound care, dental services, vaccinations, and more to 757 patients.



NEW TRAINING ADVANCES NURSING PRACTICE IN THE EMERGENCY DEPARTMENT

In an effort to support the education of currently employed ED nurses, leadership has supported and launched training for the Trauma Nurse Core Course (TNCC), a highly regarded national certification. The program provides practicing nurses with the knowledge and skills needed to successfully work and improve outcomes for trauma patients. Ninety-two percent of the ED staff have earned TNCC certification to date.

The ED Unit Based Practice Council (UBPC) is also working to increase the number of nurses that hold their Certified Emergency Nurse credential. This ongoing continuing education has increased the number of ED certified nurses to 28.5 percent.

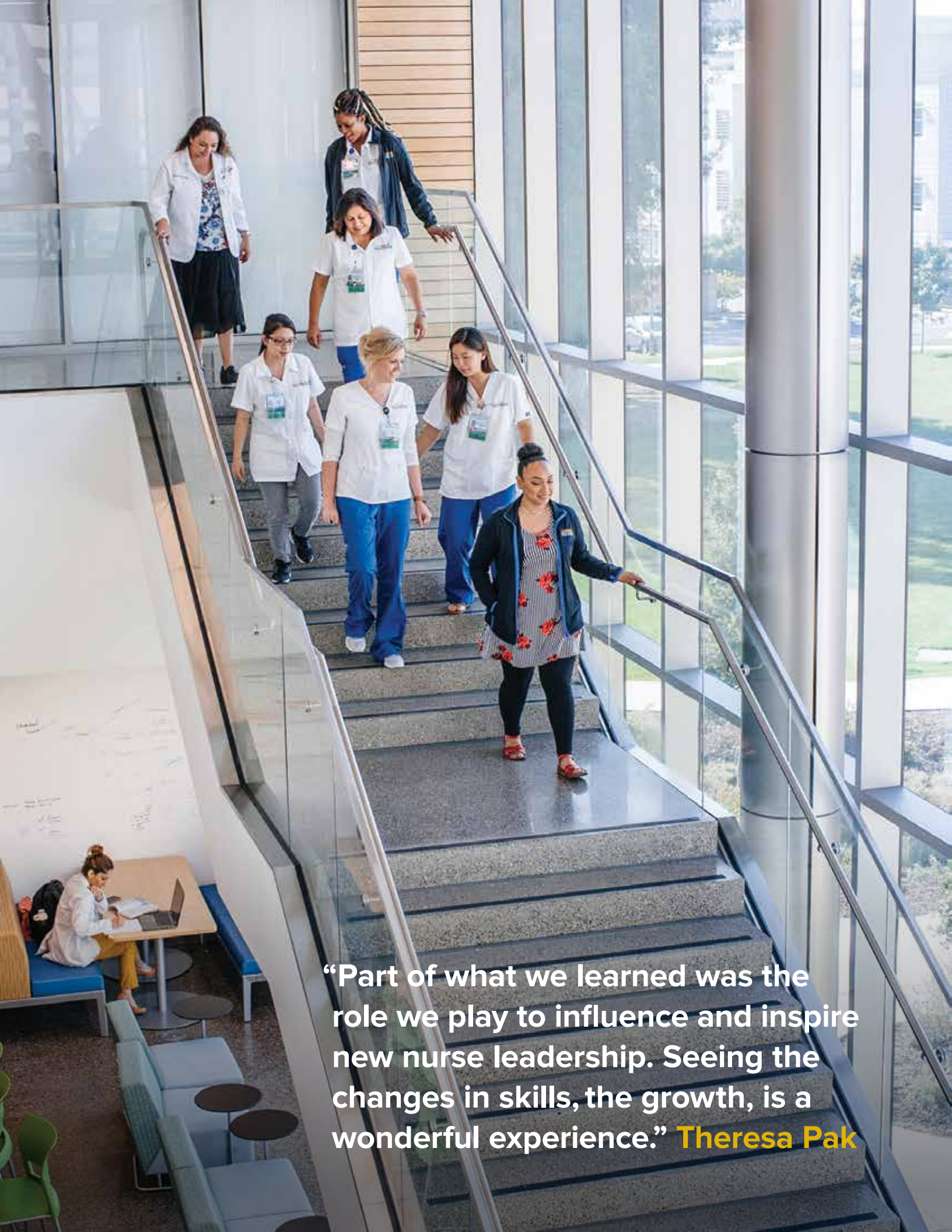


MEDICAL MISSION — PHILIPPINES

Over 100 volunteers from the Mabuhay Foundation International traveled to the Philippines to provide care to the underserved. The Elk Grove-based nonprofit includes nurses, doctors, radiologists, technicians and pharmacists who work together to provide primary care, dental and vision, and medical screening services to those in need.



**Ninety-two percent of ED staff
have earned TNCC certification.**



“Part of what we learned was the role we play to influence and inspire new nurse leadership. Seeing the changes in skills, the growth, is a wonderful experience.” **Theresa Pak**

Nationally ranked School of Nursing

The Betty Irene Moore School of Nursing at UC Davis breaks traditional boundaries, develops innovative partnerships and creates leaders who advance health care.

FROM LAUNCH TO LEGACY: FOUNDING DEAN TRANSITIONS TO PROFESSOR ROLE

After launching and leading the Betty Irene Moore School of Nursing at UC Davis for 10 years, founding dean Heather M. Young, Ph.D., RN, FAAN, (pictured right) stepped down in July to contribute to the school in new ways.

“The belief that the leaders at UC Davis and the Gordon and Betty Moore Foundation placed in me one decade ago sparked the most exciting and exhilarating experience of my life,” Young said. “What we built, together, is larger than and transcends any one individual.”

Debbie Ward, Ph.D., RN, FAAN, a founding member of the school’s faculty, was named interim dean. Ward, a clinical professor, led the development of the school’s first two graduate degree programs and has served on many committees within UC Davis.



UC DAVIS HEALTH NURSES ENCOURAGE GRADUATE EDUCATION

Twenty-five UC Davis Health nurses earned or will earn graduate nursing degrees, thanks to a little friendly competition among two ICU nurse managers who are also alumna of the Betty Irene Moore School of Nursing at UC Davis.

Amy Doroy, a graduate of the master’s-degree leadership program and the doctoral program, and Theresa Pak, a master’s-degree leadership program alumna, have encouraged colleagues in their units to pursue graduate education at the nursing school.

“Part of what we learned was the role we play to influence and inspire new nurse leadership,” Pak explained. “Seeing the changes in skills, the growth, is a wonderful experience.”

“Having so many of us in school together, learning from and with each other just further serves to foster that culture of continuous learning and innovation,” Doroy said. “It causes us to never settle on where we are at and to always look at ways that we can improve the care we deliver to patients and families.”



Daisy Awards for Extraordinary Nurses

Several extraordinary UC Davis nurses in 2018 received The DAISY Award, designed to demonstrate society’s profound respect for the education, training, brainpower, skill and caring that nurses put into their daily work.

TEAM AWARD



L– R: Sarah Soon, RN, BSN; Gary Gibson, RN, BSN, MPH; Stephanie Thornton, RN, BSN, CMSRN; Valerie Esty, RN, MSN; Paige Ver Steeg RN, MSN (not pictured)

Extraordinary teamwork

A DAISY team award recognized three East 8 nurses, a nursing supervisor, and an emergency department nurse for the compassionate care and kindness they provided to a patient who was battling metastatic uterine cancer. Because the patient was on comfort care and bedbound, the nursing team developed a unique plan of care that was entirely patient-centered — and required extraordinary amounts of collaboration and coordination. By working together, they were able to give the patient and her fiancé a gift that had true meaning — a relaxing day outside in the sun.

INDIVIDUAL AWARDS



Claudio Alvarado, RN, BSN, CPN, CPEN, CEN
Emergency Department



Zohra Azizi, RN, BSN, MS, RN-BC, Davis 12 Surgical Specialties



Melissa Barbato, RN, BSN, CCRN, Davis 10 PICU/PCICU



Iris Barnaja, RN, BSN
Tower 7 MSICU Blue



ABOUT THE DAISY AWARD

The nonprofit DAISY Foundation established the national award program in memory of J. Patrick Barnes, who died at age 33 of the autoimmune disease Idiopathic thrombocytopenic purpura. Awestruck by the clinical skills and compassion of Patrick’s nurses, the Barnes family created the award to thank nurses across the nation. Recipients at participating hospitals are nominated by peers, physicians, patients and families, staff and administrators. Eighteen nurses and one nurse leader received individual DAISY honors in 2018.



Stan Brown, RN, BSN, CCRN, Cardiothoracic ICU



Shannon Charles, RN, MSN, Ob/Gyn Clinic



Natalie Dew, RN, BSN
Davis 8 Oncology/BMT



Gilda Gatbonton, RN, BSN, OCN, Adult Infusion Center



Kelly Hamilton, RN, BSN, CCRN, Medical ICU



Mary Heatlie, RN, BSN, CWON, Home Health and Hospice



John James, RN, MSN, CCRN, Surgical ICU



NURSE LEADER AWARD
Angie Marin, RN-BC, MSN
Davis 7 Pediatrics



Jennifer McGrath, MSN, RN, AG-ACNP, Trauma Nurse Practitioner



Rebecca Muha, RN, Davis 14 Ortho/Trauma



Jessamyn Phillips, RN, BSN, MPH, PCCN, East 6 Cardiothoracic PCU



Viacheslav Popov, RN, BSN
Patient Care Resources



Constanica Maria Sanchez, RN, BSN, Tower 4 ENT/Internal Med



Nicole Walton, RN, BSN
East 8 Medical/Surgical Specialty



Angela Zhang, RN, BSN
Electrophysiology

Exemplary Professional Practice

Nurses ensure high-quality patient outcomes and a culture of safety through interprofessional collaboration and the integration of the professional practice model with the delivery of patient care.



FIRST PRISM AWARD FOR A CALIFORNIA HOSPITAL UNIT

In 2018 the Tower 4 nursing staff received the first PRISM Award — short for Premier Recognition in the Specialty of Medical-Surgery — given to a hospital unit in California. The prestigious award from the Academy of Medical-Surgical Nurses (AMSN) and the Medical-Surgical Nursing Certification Board (MSNCB) is granted to acute-care units that show exemplary work in the areas of: leadership; recruitment and retention; evidence-based practice; patient outcomes; healthy practice environment; and lifelong learning for unit staff.

INPATIENT HOSPICE PROGRAM

To extend compassionate care to patients and families who are faced with a terminal illness, the home care hospice team and inpatient nursing staff developed the Inpatient Hospice Program. A collaborative approach aimed to support patients as they transition to palliative care. The teams work together to deliver continuum of care by providing aggressive symptom management; offering psychosocial and spiritual support; assisting families in choosing mortuaries; offering financial support for hospice or post mortem care; and providing loved ones with grief counselors and supportive bereavement groups.

The project has also led to partnerships with the No One Dies Alone team, an all-volunteer program that ensures no patient passes without someone being at their side during their last hours. Many inpatient RN's have expressed their gratitude for the support and education during the program. The efforts have boosted morale, teamwork and decreased the hospital mortality rate.

SECOND PRISM AWARD FOR EXCELLENCE

Last December, the Davis 12 Surgical Specialties Unit received the PRISM Award — short for Premier Recognition in the Specialty of Medical-Surgery.

The prestigious award from the Academy of Medical-Surgical Nurses (AMSN) and the Medical-Surgical Nursing Certification Board (MSNCB) is granted to acute-care units that show exemplary work in the areas of: leadership; recruitment and retention; evidence-based practice; patient outcomes; healthy practice environment; and lifelong learning for unit staff.



The Rising Nurse Leaders Program, the Bridges of Excellence Program and many more were highlighted among areas of excellence.



2018 BEACON AWARD FOR EXCELLENCE

The Cardiothoracic Intensive Care Unit (CTICU) and the Medical Intensive Care Unit (MICU) received the Silver-Level Beacon Award for Excellence from the American Association of Critical Care Nurses (AACN). Recognized units have met AACN's rigorous certification process that ensures a commitment to nursing excellence, building strong relationships between patients, and improving outcomes and overall patient care satisfaction.



UNIQUE CHILD LIFE ACCREDITATION



The UC Davis Child Life and Creative Arts Therapy Department's internship program was granted clinical internship accreditation by the Association of Child Life Professionals (ACLP). This prestigious accreditation establishes UC Davis Health as the only ACLP-accredited child life internship program in Northern California, and one of three in the state. The process was led by child life specialist Emily McDaniel, supported by the department's internship accreditation workgroup and overseen by Child Life and Creative Arts Therapy Department manager Diana Sundberg.



SIMULATION TRAINING HELPS PATIENT CARE IN EMERGENCY DEPARTMENT

To improve staff assessment skills and processes in our emergency and trauma care department, the ED developed and implemented a robust simulation program in 2018 to assist nursing and ER tech staff in increasing competency and proficiency in caring for ED patients. The new high-fidelity simulation mannequin allows staff to perform tasks such as IV initiation, defibrillation, and respiratory and cardiovascular assessments. The training has helped increase teamwork, workflows, and critical thinking.

Exemplary Professional Practice continued

CEREMONY HONORS PATIENTS AND THEIR FAMILIES

To show compassion and gratitude for mourning families, the pediatric ICU peer support team designed and implemented the Honor Guard Ceremony, a practice performed when a late patient is wheeled from their hospital room to the OR for organ donation. Staff members line the hallways and stand in silence to remember the donor patient. In 2018, the Honor Guard was the highest-rated resource from the end-of-life toolkit in a survey among PICU nurses at UC Davis Health.



Pictured clockwise, from left to right: Chuck Sorensen, equipment specialist and Chris Evans, OR RN.

Arlene Valmoja, Air Force OR RN; Natalie Gibson, operating room assistant; and Shicoya Avery, Air Force scrub technician.

Sharlene Singh and Ashika Sharma, operating room assistants.

This event was sponsored by Karen Lynch, Nurse Manager and Jenni Prevatt, OR Staff Developer.

TEAMWORK APPRECIATION: PERIOPERATIVE STAFF HELPED SOLVE INTRAOPERATIVE CRIMES

Working in the operating room requires a multidisciplinary collaborative effort in order to provide the excellent care delivered at UC Davis Health. To test these efforts, the Staff Appreciation Committee put on a fun, educational, and interactive activity to celebrate staff and perioperative successes. The CSI-themed activity required nurses to put their crime scene investigator hats on as they identified safety concerns related to patient and staff safety, fire safety, and infection prevention in the operating rooms.

There was even a cameo from our own “David Caruso.” After the teams solved each crime, a celebratory potluck helped members come together to reflect on the appreciation and value of teamwork.

It takes a unique person with distinctive skills to work in the operating room, where the environment is continually changing, and situations can be quite stressful. This event was a way to say thank you to each and every staff member, letting them know how much we appreciate and value their work.



**Our nurses advocate
for patients and provide
continuity of care.**

New Knowledge, Innovations and Improvements

Nurses achieve best practice for patients by integrating evidence-based practice into patient care and generating new knowledge through nursing research.

NEW INFUSION PUMPS AND IV POLES IMPROVE PATIENT CARE AND EXPERIENCE

To improve patient care and experience, more than 2,500 UC Davis Health clinicians were trained to use 2,500 new Alaris infusion pumps and 800 new high-end IV poles. The user-friendly, intuitive equipment was designed to reduce medication errors, improve infusion management, and make documentation easier and more reliable. Additional benefits include trays for phones or small personal items, a direct link to EMR, and the ability to attach and detach channels based on patient need without using additional pumps.

IMPROVEMENTS FOR REDUCING PRESSURE ULCERS — UC COLLABORATIVE SUMMIT



UC Davis Health's Wound Care Team, led by Holly Kirkland-Kyhn, Ph.D., NP, continues to set the bar high with process improvements and outcomes to share with other health systems. Last June, UC Davis Health held the first university-wide UC Collaborative Pressure Ulcer Summit, where

advanced-practice nurses, clinical nurse specialists, and quality and safety directors from the UC system and the Washington State Hospital Association convened for the Quarterly Nursing Quality Survey. Participants shared proven strategies for collecting data on pressure ulcers present on admission and standardized reporting of hospital-acquired pressure ulcers to regulatory bodies. The results identified that by working together and sharing processes, we can improve care and health while reducing costs.

FAMILY-LINK HELPS REDUCE STRESS AND ISOLATION FOR NEONATAL PARENTS

Off-site families can see their infants 24 hours a day in our neonatal intensive care unit, thanks to a program developed by our staff. Family-Link, a webcam mounted on isolettes, warmers or cribs allow parents to pay “virtual visits” from a computer or tablet — an option that reduces stress and isolation during long hospitalizations.

EXPANDING ACCESS TO ACADEMIC NEONATOLOGY EXPERTISE

Partnerships focused on neonatal care are helping us advance health at home. A new affiliation with Adventist Health Lodi Memorial is expanding pediatric and neonatal care services at Adventist Health Lodi Memorial, and creating a level II Neonatal Intensive Care Unit (NICU) facility there to treat preemies that need extra support from UC Davis Health specialists. This opportunity has given UC Davis Health neonatal nurses a chance to help others expand their skills, knowledge and training.

WELLNESS FOR THE PRACTICE PROVIDER

Last September, more than 80 advanced-practice providers attended the UC Davis Health Advanced Practice Symposium and networking event. Kathleen Flarity, DNP, Ph.D., CEN, CFRN, FAEN, a nationally recognized lecturer and research nurse scientist from UC Health Colorado, was the keynote speaker. Her lecture titled “Passion for Practice,” provided a critical review of common signs of compassion fatigue, burnout and how we can advocate for self-care and a healthy work culture for the advanced practice provider.



Sherry Allen



Kywaita Keys



Left to right: Jennifer Perisho, Justin Massaro, Sherri Twardzik

BOOSTING NURSING RESEARCH AND EVIDENCE-BASED PRACTICE

UC Davis Health supports a culture of clinical inquiry and discovery, and the Center for Nursing Science has developed innovative fellowship programs to help us lead change through research and evidence-based practice.

The six-month Evidence-Based Practice Fellowship helps clinical nurses develop their leadership, problem-solving, and research utilization skills. Fellows identify a practice issue that may be addressed or improved by applying the latest evidence, and participate in classes on research, levels of evidence, the change process, and project evaluation. Fellows are mentored by a clinical nurse scientist and a clinician.

The one-year Research Fellowship helps clinical nurses work on knowledge and skills related to the development, implementation and evaluation of research studies. Each research fellow learns content about clinical research, formulates a researchable question, designs and implements the research project, and disseminates results. The program aims to increase the accessibility of research to the direct-care bedside nurse and to support continued clinical inquiry.

FELLOWS AND THEIR PROJECTS

Sherry Allen, CN III, SICU

Project: Evidence-based nursing practices for massive transfusions in the SICU

Kywaita Keys, CN II, Ortho/Trauma Unit

Project: Delirium recognition in geriatric patients on an orthopedic unit

Jennifer Perisho, CN III, CTICU

Project: Decreasing extubation times for post operative in cardiac surgery patients

Justin Massaro, CN II, Surgical Intensive Care Unit/ED

Project: Evidence-based sedation and analgesia to newly intubated ED patients

Sherri Twardzik, CN III, CTICU

Project: Implementation of a cardiac surgery specific resuscitation protocol and failure to rescue rates in post-cardiotomy patients

New Knowledge, Innovations and Improvements continued



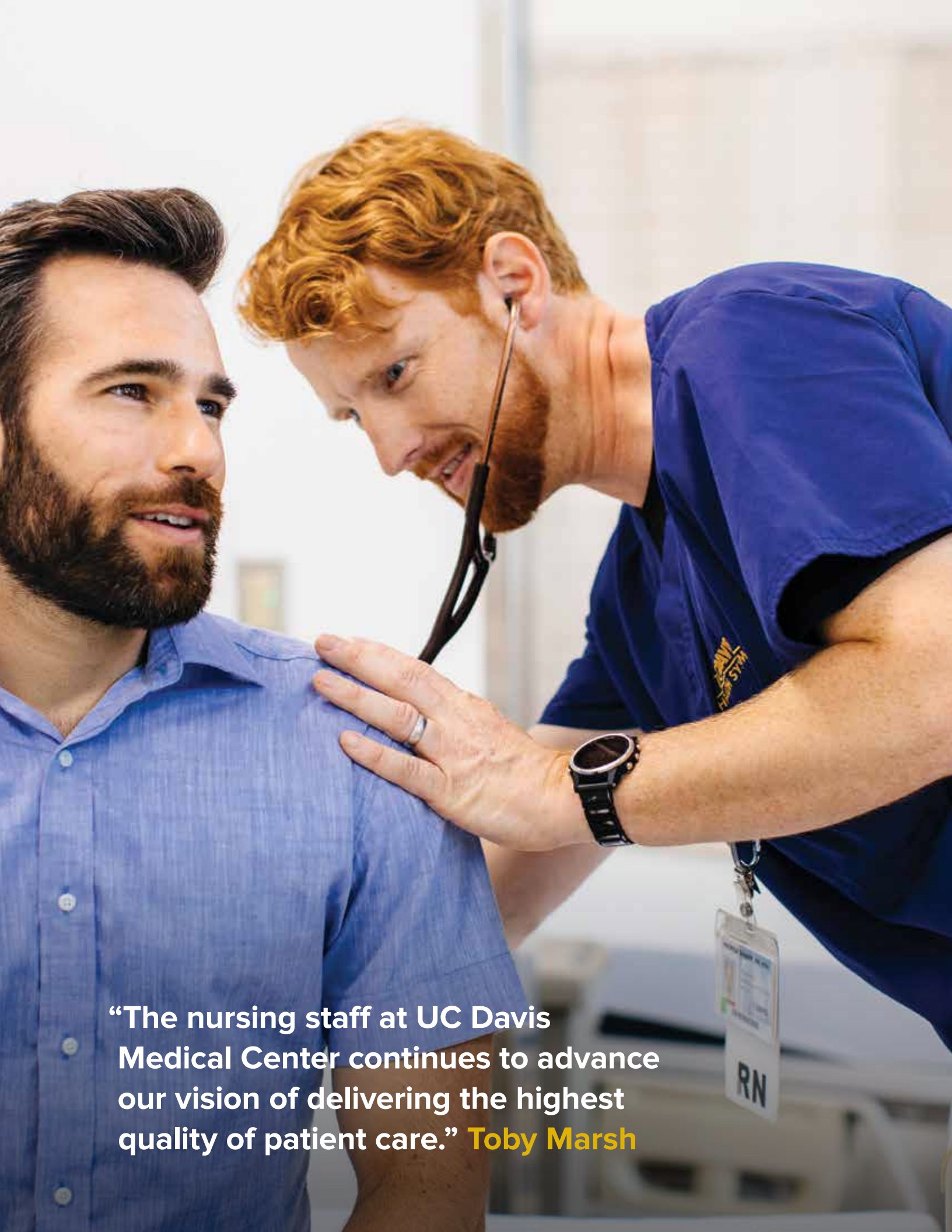
KETAMINE THERAPY IS A REGIONAL FIRST

Through a collaboration involving the Pain Management Clinic and the Comprehensive Cancer Center Adult Infusion room, we created a thorough outpatient policy with defined treatment parameters for sub-anesthetic ketamine infusions. This is a first for the Sacramento region to offer evidence-based, protocol-driven, ketamine therapy for the treatment of chronic pain.

There are a variety of pain conditions where ketamine has proven useful, from complex regional pain syndrome, to chemotherapy-induced neuropathy, and there is growing evidence to support ketamine therapy in the setting of chronic pain. Many pain syndromes are not particularly responsive to standard analgesic medications such as opioids, non-steroidal anti-inflammatories, and acetaminophen.

The challenges to offering such a therapy reside with the availability of skilled professionals to administer the medication safely, coupled with the appropriate site of service and suitable physician coverage. Patients will receive the therapy in the Cancer Center Infusion room. The low-dose ketamine infusion is a cycle of four weekly infusions, with each infusion given over four hours.





“The nursing staff at UC Davis Medical Center continues to advance our vision of delivering the highest quality of patient care.” **Toby Marsh**

Empirical Outcomes

Nurses evaluate quality outcomes to demonstrate the positive contributions of patient care produced by strong nursing leadership and clinical practice.



Safety Culture

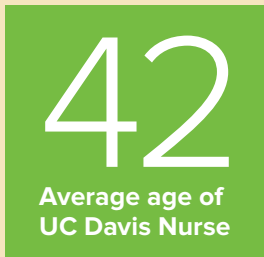
The Quality and Safety Council continues to work to improve patient outcomes and safety through implementation of the problem-solving A3 tool, development of a safety culture behavioral toolkit, and recognition with the Josie King Hero Award.

CAUTI

The Catheter Associated Urinary Tract Infection (CAUTI) Workgroup implemented a new female external catheter and continues to work to improve insertion practices across patient care.

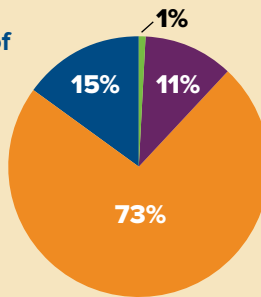
44 CAUTI IN 2017
46 CAUTI IN 2018

Nurses by the Numbers



Education Level of UC Davis Nurses

- 1% Diploma
- 11% ADN
- 73% BSN
- 15% MSN +



UC Davis Health Nurses by Gender



● Female: 82% ● Male: 18%

HAPI

The wound care team continued to work with nursing to improve hospital acquired pressure injuries and identify community acquired pressure injuries present on admission.

13 HAPI STAGE 2+ IN 2017
15 HAPI STAGE 2+ IN 2018

CLABSI

The Central Line Associated Blood Stream Infection (CLABSI) Workgroup is working to standardize practice and develop institutional definitions for central line criteria.

51 CLABSI IN 2017
53 CLABSI IN 2018

Falls



The Falls Committee focused on improving bed exit alarm use and participated in the implementation of the AvaSure video monitoring system.

89 Falls with injury in 2017
88 Falls with injury in 2018



Partnerships focused on neonatal care are helping us advance health across our region.

2018 Presentations

PODIUM PRESENTATIONS

PRESENTER: Christy Adams, RN, MPH, Ph.D.

DEPARTMENT: Trauma

PRESENTATION TITLE: A roadmap to the future for hospital-based injury and violence prevention

CONFERENCE: TraumaCon 2019

LOCATION: Lexington, KY

PRESENTER: Brenda Chagolla, RN, MSN, CNS

DEPARTMENT: Davis 3/Tower 3 Women's Pavilion

PRESENTATION TITLE: Health and health care experiences of cancer patients: What can national surveys teach us?

CONFERENCE: Western Institute of Nursing 51st Annual Communicating Nursing Research Conference

LOCATION: Spokane, WA

PRESENTER: Robyn Huey-Lao, DNP, CPNP-AC

DEPARTMENT: Pediatric Surgery

PRESENTATION TITLE: Improved outcomes through implementation of a complicated appendicitis guideline

CONFERENCE: APSNA 27th Annual Scientific Conference

LOCATION: Palm Desert, CA

PRESENTER: Lori Kennedy Madden, Ph.D., RN, ACNP-BC, CCRN-K, CNRN

DEPARTMENT: Center for Nursing Science

PRESENTATION TITLE: Advanced practice providers in neurocritical care — role and history

CONFERENCE: Neurocritical Care Society Annual Meeting

LOCATION: Boca Raton, FL

PRESENTERS: Marina Nguyen, RN, BSN, MBA and Miguel Medina, RN, MS

DEPARTMENT: Apheresis/PICC

PRESENTATION TITLE: Reducing patient care delays to intravenous therapies through the use of 3CG technology to verify PICC-tip position

CONFERENCE: Healthcare Research and Education Conference

LOCATION: Stanford, CA

PRESENTERS: Julie Mills, RN, BSN, CCRN and Melody Hillstrom, RN, BSN, CCRN

DEPARTMENT: PACU

PRESENTATION TITLE: Reducing PACU length of stay in the post-operative inguinal hernia patient

CONFERENCE: Healthcare Research and Education Conference

LOCATION: Stanford, CA

PRESENTER: Jennifer S. Erickson, RN, MSN, MBA

DEPARTMENT: PCS Quality and Safety

PRESENTATION TITLE: Evaluation of a falls program at a large academic medical center

CONFERENCE: Healthcare Research and Education Conference

LOCATION: Stanford, CA

PRESENTER: Steven Nguyen, RN, BSN

DEPARTMENT: GI Endoscopy Lab

PRESENTATION TITLE: ATP testing of endoscoped to improve quality of infection prevention

CONFERENCE: SGNA 45th Annual Conference

LOCATION: Orlando, FL

POSTER PRESENTATIONS

PRESENTER: Yvette Feldman, RN, MSN, CCRN

DEPARTMENT: PICU/PCICU

PRESENTATION TITLE: Developing a cardiac neurodevelopmental program

CONFERENCE: Cardiology 2018

LOCATION: Scottsdale, AZ

PRESENTERS: Amara Altman, RN, MSN, CMSRN, PHN and Amanda Limeberger Waters, RN, MSN

DEPARTMENT: Tower 8 Transplant/Metabolic

PRESENTATION TITLE: An evidence-based practice STARS project to reduce CAUTI and CLABSI rates at UC Davis

CONFERENCE: Healthcare Research and Education Conference

LOCATION: Stanford, CA

PRESENTER: Cecile Beltran, RN, BSN

DEPARTMENT: East 5 Neuroscience

PRESENTATION TITLE: Neurosurgery throughput project

CONFERENCE: Healthcare Research and Education Conference

LOCATION: Stanford, CA

PRESENTER: April Dougherty, RN, MSN, CCRN

DEPARTMENT: North 1 Annex

PRESENTATION TITLE: Keep calm and nurse on: A dedicated wellness room for nurses

CONFERENCE: Healthcare Research and Education Conference

LOCATION: Stanford, CA

PRESENTER: Jennifer S. Erickson RN, MSN, MBA

DEPARTMENT: PCS Quality and Safety

PRESENTATION TITLE: Evaluation of a falls program at a large academic medical center

CONFERENCE: Healthcare Research and Education Conference

LOCATION: Stanford, CA

PRESENTERS: Jennifer S. Erickson RN, MSN, MBA and Kiranjit Sidhu RN, BSN, MSN, CMSRN

DEPARTMENT: PCS Quality and Safety

PRESENTATION TITLE: Journey to excellence through the use of visual management boards

CONFERENCE: Healthcare Research and Education Conference

LOCATION: Stanford, CA

PRESENTER: Bruce Gittings, RN, MSN

DEPARTMENT: PCR Action Team

PRESENTATION TITLE: Improving sepsis bundle compliance in the acute care units

CONFERENCE: Healthcare Research and Education Conference

LOCATION: Stanford, CA

PRESENTER: Jennifer Perisho, RN, BSN, CCRN
DEPARTMENT: CTICU
PRESENTATION TITLE: A change in practice: ST monitoring education in the CTICU
CONFERENCE: Healthcare Research and Education Conference
LOCATION: Stanford, CA

PRESENTER: Charlie Dharmasukrit, RN, MSN
DEPARTMENT: Davis 14 Ortho/Trauma
PRESENTATION TITLE: Improving delirium recognition on an inpatient orthopedic unit
CONFERENCE: Healthcare Research and Education Conference
LOCATION: Stanford, CA

PRESENTER: Michelle Linenberger MSN Ed, RN-BC
DEPARTMENT: Children's Hospital
PRESENTATION TITLE: Creating pediatric education in an adult world
CONFERENCE: Association for Nursing Professional Development Annual Convention
LOCATION: Phoenix, AZ

PRESENTERS: Sabrina McKinney, RN, MSN, RN-BC and Monica Aguilar MSN, RN-BC
DEPARTMENT: Center for Professional Practice of Nursing
PRESENTATION TITLE: Implementing a comprehensive preceptor development program: The who, what, when, where, why and how
CONFERENCE: Association for Nursing Professional Development Annual Convention
LOCATION: Phoenix, AZ

PRESENTER: Karen L. Semkiw, RNC, MPA, NEA-BC, CPHQ
DEPARTMENT: Children's Surgery
PRESENTATION TITLE: Children's Surgery Program Verification by the American College of Surgeons: A call for quality
CONFERENCE: APSNA 27th Annual Scientific Conference
LOCATION: Palm Desert, CA



PRESENTERS: Julie Mills, RN, BSN, CCRN and Melody Hillstrom, RN, BSN, CCRN
DEPARTMENT: PACU
PRESENTATION TITLE: Reducing PACU length of stay in the post-operative inguinal hernia patient
CONFERENCE: ASPAN 37th National Conference
LOCATION: Anaheim, CA
CONFERENCE: ANCC Magnet Conference
LOCATION: Denver, CO

PRESENTER: Marlene Her, RN, BSN, CMSRN
DEPARTMENT: Davis 12 Surgical Specialties
PRESENTATION TITLE: Advancing nurses through specialty certifications
CONFERENCE: ANCC Pathways to Excellence Conference
LOCATION: West Palm Beach, FL

PRESENTER: Erin Dame Lewis, RN, BSN, CCRN
DEPARTMENT: PICU/PCICU
PRESENTATION TITLE: Implementing a multidisciplinary pediatric A-F bundle and early mobility program in pediatric ICU
CONFERENCE: AACN National Teaching Institute
LOCATION: Boston, MA

PRESENTERS: Mary Jane Dunn, RN, BSN, CIC and Kimiko McCulloch, RN, MSN, CIC
DEPARTMENT: Infection Prevention
PRESENTATION TITLES: Beyond hospital walls, improving infection prevention in outpatient setting
Breaking down walls through collaboration
CONFERENCE: APIC 45th Annual Conference
LOCATION: Minneapolis, MN

PRESENTER: Amy Kuzmich, RN, MSN, RN-BC
DEPARTMENT: Davis 7 Pediatrics
PRESENTATION TITLE: Practice change vs. enhancing nursing education: What a multi-service 36-bed pediatric unit found worked best to reduce CLABSI rates
CONFERENCE: CALNOC
LOCATION: San Diego, CA

PRESENTER: Aaron Wright, RN, MSN, FNP-BC
DEPARTMENT: Trauma Program
PRESENTATION TITLE: Automated post-discharge trauma patient call program
CONFERENCE: ACS TQIP Annual Scientific Meeting and Training
LOCATION: Anaheim, CA

2018 Publications

Chagolla, B., Bingham, D., Wilson, B. & Scheich, B. (2018). **Perceptions of Safety Improvement Among Clinicians Before and After Participation in a Multistate Postpartum Hemorrhage Project.** *JOGNN*, 47: 698–706.

Miyamot, S., Dharmar, M., Fazio, S., Tang-Feldman, Y. & Young, H.M. (2018). **Health Technology and Nurse Health Coaching to Improve Health in Diabetes: Protocol for a Randomized Controlled Trial.** *JMIR Res Protoc*. 7(2): e45.

Fazio, S., Edwards, J., Miyamoto, S., Henderson, S., Dharmar, M. & Young, H.M. (2019). **More than A1C: Types of success among adults with type-2 diabetes participating in a technology-enabled nurse coaching intervention.** *Patient Education and Counseling*, 102(1): 106–112.

Kirkland-Kyhn, H., Teleten, O., Joseph, R. & Maguina, P. (2019). **A Descriptive Study of Hospital- and Community-acquired Pressure Ulcers/Injuries.** *Wound Management & Prevention*, 65(2): 14–19.

McBeth, C.L., Montes, R.S., Powne, A., North, S.E., & Natale, J. (2018). **Interprofessional Approach to the Sustained Reduction in Ventilator-associated Pneumonia in a Pediatric Intensive Care Unit.** *Critical Care Nurse*, 38(6): 36–45.

Teleten, O., Kirkland-Kyhn, H., Paine, T., & Ballesteros, R.J. (2019). **The Use of Pressure Mapping: An Educational Report.** *Wounds*, 31(1): E5–E8.

Richards, J.R., Stayton, T.L., Wells, J.A., Parikh, A.K. & Laruin, E.G. (2018) **Nightshift Preparation, Performance and Perception: Are there Differences between Emergency Medicine Nurses, Residents and Faculty?** *Clin Exp Emerg Med*, 5(4): 240–248.

Harrison, J.D., Seymann, G., Imershein, S., Amin, A., Afsarmanesh, N., Uppington, J., Aledia, A., Pretanvil, S., Wilson, B., Wong, J., Varma, J., Boggan, J., Hsu, F.P.K., Carter, B., Martin, N., Berger, M. & Lau, C.Y. (2019). **The Impact of Unmet Communication and Education Needs on Neurosurgical Patient and Caregiver Experiences of Care: A Qualitative Exploratory Analysis.** *World Neurosurg.*, 122: e1528–e1535.

Wright, A., Grady, K., & Glanate, J. (2018). **Automated Post-discharge Trauma Patient.** Call Program. *Journal of Trauma Nursing*, 25(5): 298–300.

NEW CHILDREN'S SURGERY CENTER FOR PEDIATRIC PATIENTS

In fall 2018, the new and improved UC Davis Children's Surgery Center opened, giving young surgery patients throughout the region world-class care close to home. The new 20,000-square-foot, state-of-the-art pediatric facility includes seven larger and more effectively designed operating rooms, a technologically advanced fleet of surgical equipment, and 24 pre- and post-op bays. We remain the first hospital on the West Coast to have earned verification as a level I Children's Surgery Center by the American College of Surgeons (ACS).

