



OKLAHOMA STATE UNIVERSITY CENTER FOR HEALTH SCIENCES

# A Healthy Dose of Success

JULY 2017-JUNE 2018 IMPACT REPORT



*CENTER FOR  
HEALTH SCIENCES*

## FROM THE PRESIDENT

*“Physicians that are recruited from rural communities and do their residencies in rural areas are highly likely to stay in those communities and practice medicine.”*



**Oklahoma State University College of Osteopathic Medicine** at the OSU Center for Health Sciences graduated 105 doctors of osteopathic medicine this year. About 19 percent of those were matched with residency training programs in rural Oklahoma.

That's good news for the mission of OSU College of Medicine – it is to train osteopathic primary care physicians with an emphasis on serving rural and underserved Oklahoma. Physicians that are recruited from rural communities and do their residencies in rural areas are highly likely to stay in those communities and practice medicine there.

I wanted to introduce you to the new DOs who will be working in a residency program in your district (see insert).

These residency programs are the lifeblood of our mission to recruit and train physicians to return to their rural communities.

We appreciate your steadfast support of these programs that are making a difference in the lives of Oklahomans – to the point, they are effecting positive health outcomes for thousands of rural Oklahomans.

I'm happy to share *A Healthy Dose of Success* with you – it outlines a few of the milestones we've reached this year in our laser-focused mission of training primary care doctors to care for the citizens of our state.

I thank you again for your commitment to, and support of, OSU Center for Health Sciences.

With regards,

A handwritten signature in black ink that reads "Kayse M. Shrum, D.O.".

**Kayse M. Shrum, D.O.** | President, OSU Center for Health Sciences | Dean, College of Osteopathic Medicine



## Oklahoma FFA Partnership is Blue and Gold

While we have made significant strides in expanding our medical residency training programs in Oklahoma, much more needs to be done to create a sustainable physician workforce pipeline. The average age of a physician practicing in rural Oklahoma is 60.

Our Blue Coat to White Coat program, a partnership with Oklahoma FFA, identifies students enrolled in agricultural education across the state as potential medical school students who would become doctors willing to return to their roots and practice medicine in rural Oklahoma. The program includes a statewide mentoring program that matches our current Blue Coat to White Coat medical students with a high school student with an expressed interest in becoming a physician.

This year we are celebrating the first class of matriculating students from the Blue Coat to White Coat program - **eighteen of 115** students admitted to the OSU College of Medicine are former FFA members.



## Residency Investment a Win-Win

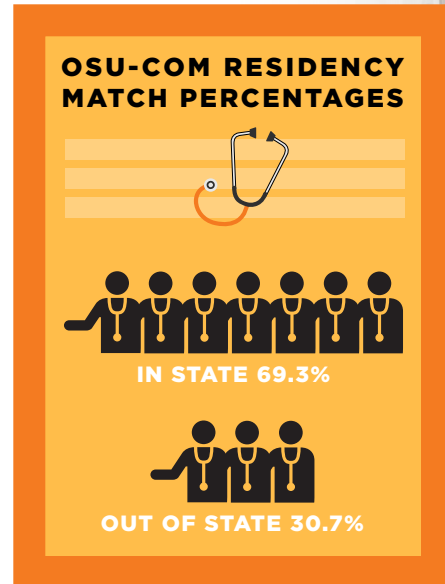
This year, a significant milestone was reached by the family medicine and emergency medicine residency training programs in Lawton at Comanche County Memorial Hospital (CCMH).

Both the family medicine residency training program and the emergency medicine residency training program at CCMH are now fully-funded, self-sustaining programs.

Thanks to a \$3.8 million grant In 2015 from our partners at the Tobacco Settlement Endowment Trust (TSET) and one-time federal matching funds from Oklahoma Healthcare Authority to fund start-up costs to support up to 118 accredited residency slots located across the state, a portion of which were used at CCMH until these programs were fully funded through Medicare.

These family medicine and emergency medicine residency training programs at CCMH have a combined 28 residency training slots. Already, two physicians who graduated from the residency programs at CCMH, one in family medicine and one in emergency medicine, are practicing in Lawton.

The legislative support that we have received from leaders like yourself has also enabled us to strengthen our long-standing residency program at our teaching hospital - the OSU Medical Center in Tulsa.



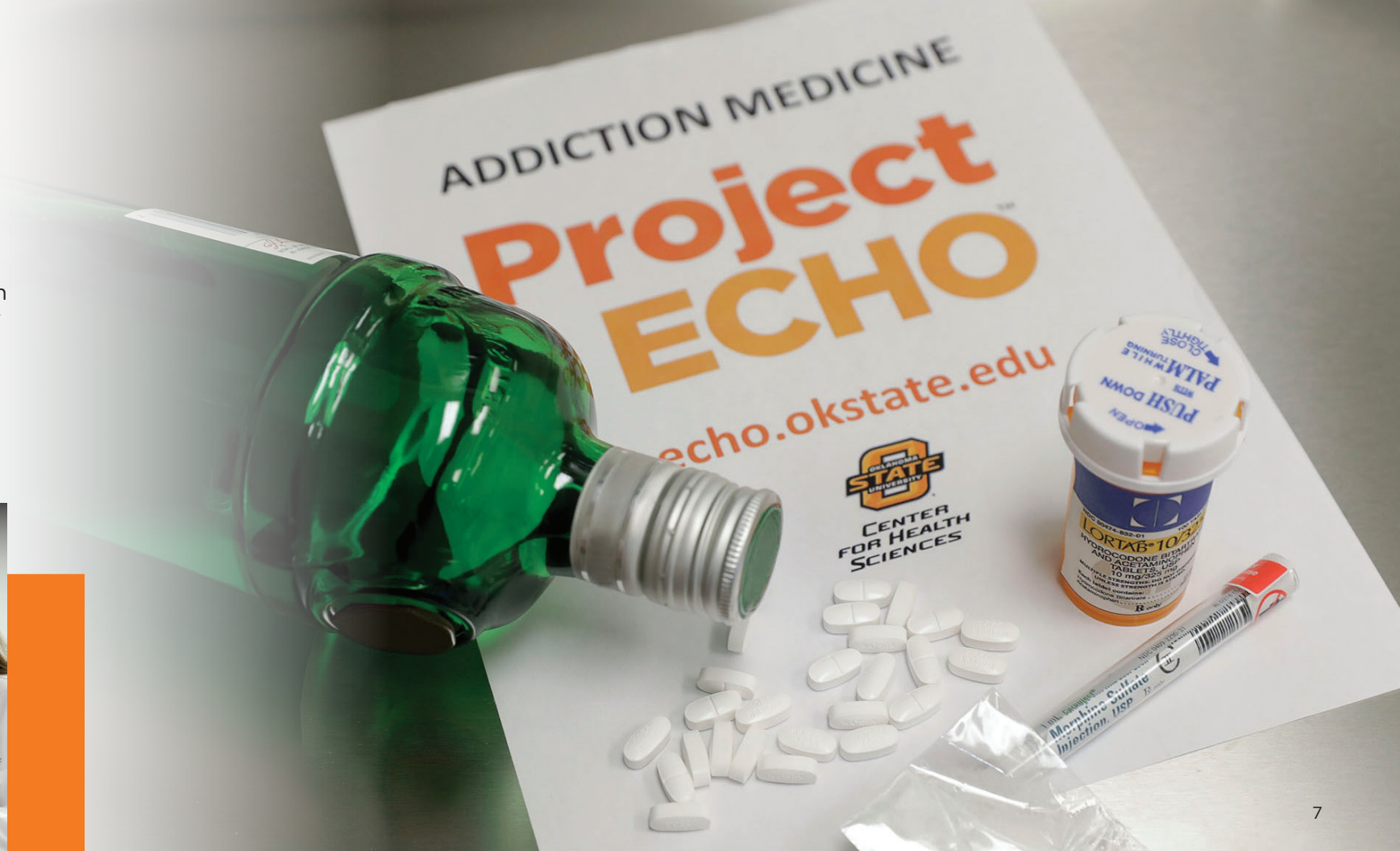
## Leading the Way to Stop Opioid Abuse in the State

OSU-CHS announced in November the establishment of the OSU Center for Wellness & Recovery to combat the impact of opioid addiction in Oklahoma. Drug overdose is the leading cause of accidental death in the U.S., and now prescription drug abuse or opioid addiction is sweeping to epidemic proportions across Oklahoma.

As an academic health center, OSU-CHS is committed to taking a leading role in battling the opioid addiction epidemic afflicting Oklahomans and their families. The mission of the OSU Center for Wellness and Recovery is to champion a comprehensive and multidisciplinary approach to addiction and pain management through research, education and clinical care. The Center will be Oklahoma's most comprehensive treatment and research center for understanding and treating pain and addiction.

OSU-CHS was one of the first few medical schools nationwide to add an Addiction Medicine course to its medical school curriculum. In 2016, mandated clinical rotations at partnering agency 12 & 12, Inc. were embedded into the curriculum.

*The Project ECHO Addiction Medicine Clinic offers addiction treatment knowledge and pain management therapies to rural providers in areas hit hardest by opioid dependency.*



## Top Rated Graduate Programs

Our College of Osteopathic Medicine consistently ranks at the top of the U.S. News and World Report for producing the greatest percentages of graduates going into primary care residencies. Our Health Care Administration master's program rates in the top 10 for overall quality and affordability.

## Launching Global Health Track

This year we announced the launch of our Global Health Track in 2018 to enhance experiential learning for our medical students and expose them to international health experiences and cultures in resource-deprived countries. By establishing this Global Health Track, OSU-COM will continue to encourage and foster student interest in practicing primary care medicine.



OSU-COM Ranked  
**#13**  
for producing  
greatest percentage  
of graduates going  
into primary care  
residencies



OSU-HCA Ranked  
**#5**  
for overall quality



OSU-HCA Ranked  
**#1**  
in affordability

## Expanded Behavioral Health Services

OSU-CHS expanded our clinic network by opening a Behavioral Medicine Clinic and hiring additional expert faculty and clinicians, including two child psychiatrists. In addition, OSU-CHS received accreditation for two addiction medicine fellows who will treat substance abuse patients at our Addiction Medicine Clinic set to open in late August 2018. The clinic is co-located with our partners at 12 & 12, Inc., and is a member of the Hazelden Betty Ford Patient Care Network.

## Rural Addiction Summits

OSU-CHS organized three Rural Addiction Summits held across Oklahoma in November to examine the scope of the opioid abuse epidemic and potential solutions to the mounting problem. OSU-CHS President Kayse M. Shrum, D.O., and other experts from OSU-CHS along with top law enforcement and policy leaders in Oklahoma attended including Oklahoma Attorney General Mike Hunter and representatives from the Oklahoma State Department of Mental Health and Substance Abuse, the Oklahoma Bureau of Narcotics, Tobacco Settlement Endowment Trust, and city and state elected officials to discuss barriers to treatment and public policy related to addictive diseases. More than 350 people attended summits in Lawton, Enid and Durant.

## Project ECHO Multiplies Resources to Rural Oklahoma

This past year, OSU-CHS added additional Project ECHO (Extension for Community Health Care Outcomes) service lines - Childhood Obesity, Addiction Medicine, Viral Disorders, Hepatitis C, Pediatric Psychiatry and TeleED. Project ECHO is a collaborative model of medical education and care management that empowers clinicians in rural and underserved communities to provide specialty care to more people right where they live. A total of 206 ECHO clinics have been held with 1,559 participants impacting the lives of 15,590 patients. This equals a savings of \$21,872,770 in health care costs.



*OSU-CHS organized three Rural Addiction Summits held across Oklahoma in November.*

Travel with OSU Center for Health Sciences to our Rural Health Summits in Durant, Enid and Lawton

### Addiction in Rural Oklahoma

November 7-9, 2017

FREE AND OPEN TO THE PUBLIC

11.7.17 Lawton | 11.8.17 Enid | 11.9.17 Durant

We invite you to join us to learn how the addiction epidemic is affecting rural communities throughout Oklahoma.

*Speakers and panelists include:*

Jason Beaman, D.O. | Chair, OSU-CHS Department of Psychiatry and Behavioral Science  
 Chad Caldwell | Representative, Oklahoma House of Representatives  
 Todd Earl | Market President, Central National Bank  
 Todd Hallmark | Executive Director of Health Operations, Choctaw Nation Health Services  
 Jeffrey Hickman | Chief Communications and Compliance Officer (former Speaker of the House), Great Salt Plains Health Center  
 Mike Hunter | Attorney General, Oklahoma Office of the Attorney General  
 John Scully | Director, Oklahoma Bureau of Narcotics and Dangerous Drugs Control  
 Bill Shewey | Mayor, City of Enid  
 Kayse Shrum, D.O. | President, OSU Center for Health Sciences  
 Carrie Slatten-Hodges | Deputy Commissioner, Oklahoma Department of Mental Health and Substance Abuse Services  
 Brent Smith | CEO, Comanche County Memorial Hospital  
 Jerry Tomlinson | Mayor, City of Durant  
 John Woods | Executive Director, Tobacco Settlement Endowment Trust

To learn more or to register, please go to [www.healthsciences.okstate.edu/addiction](http://www.healthsciences.okstate.edu/addiction)

## Caring for All Oklahomans

OSU-CHS operates an extensive clinic system in Tulsa employing more than 90 full-time clinicians. Through our teaching hospital and network of clinics, we serve as a major provider of health care in Oklahoma. This year saw the growth of our clinics in the areas of behavioral health and OB/GYN services.

## Caring for Tribal and Rural Communities

Our Office of American Indians in Medicine and Science works with tribes in an effort to include culture and tradition into all training programs aimed at helping to meet the health and wellness needs and education of Oklahoma's tribal and rural communities.

Through our partnership with several tribal nations, we are working to improve health outcomes for Native populations, and working to return primary care physicians to Native communities. OSU-CHS has well established residency programs in the Cherokee Nation in Tahlequah, and in the Choctaw Nation in Talihina. Beginning July 1, 2018, a new residency program will begin with the Chickasaw Nation which will be a three-year program, providing four residency slots per year.



*Cherokee Nation W.W. Hastings Expansion Topping Out Celebration, Tahlequah.*



## Tandy Medical Academic Building Grand Opening

OSU President Burns Hargis, OSU-CHS President Shrum and many other dignitaries including regents and donors were on hand in September for the grand opening of the new state-of-the-art A.R. and Marylouise Tandy Medical Academic Building. More than 300 attended the opening festivities. The Tandy Medical Academic Building is revolutionizing medical education in Oklahoma. The facility houses the largest and most advanced hospital simulation center in Oklahoma. With four simulation suites and 16 high fidelity manikins, students have the opportunity to hone their clinical skills and gain exposure to an array of medical services.

## Advancing Research

Researchers at OSU Center for Health Sciences are on the leading edge of the development and enhancement of knowledge in various fields of study — from medicine to biomedical sciences to forensic sciences and vertebrae paleontology. Research is an integral part of the mission of OSU-CHS and adds significantly to the academic environment. Our faculty and staff work with students on providing hands-on research experiences and mentorship in an innovative learning environment. Our research teams have received new grants in FY 17-18 totaling \$2,842,000.



*The Tandy Medical Academic Building is revolutionizing medical education in Oklahoma.*

## School of Forensic Sciences Prepares to Open Multi-disciplinary Range

The 320-acre CENFEX Range (Center for Fire & Explosives, Forensic Investigations, Training & Research) is located 45 minutes from the OSU-CHS campus in Tulsa. The new multi-disciplinary range is being developed for transportation (domestic and international commercial aircraft, small and midsize aircraft, bus and vehicle exploitation) training, explosive ranges, medical simulation training, and shoot house and mock city applications. The CENFEX Range is designed to offer full scale exercises, advanced post blast (triage training), equipment testing, unmanned aerial vehicle (UAV) testing and a body farm for research and analysis.

## School of Allied Health Adds ARMOR

In partnership with the OSU Athletic Training Program, ARMOR, (Athletic Response and Recovery for Military and Municipal Operational Readiness) provides research, development, testing, evaluation and advanced athletic training services to first responders and our U.S. Armed Forces. ARMOR executes evidence-based applications for physical fitness, nutrition, mental fitness and injury recovery to strengthen team readiness. The OSU Athletic Training Program at OSU-CHS provides athletic training resources to the Tulsa Oilers professional hockey team, the naval hospital at U.S. Marine Corps Camp Lejeune and at the U.S. Air Force Academy.



*Our School of Forensic Sciences strengthens the culture of preparedness.*

# THANK YOU FOR YOUR SUPPORT

Educating and training the next generation of physicians, researchers and health care providers takes knowledge, focus, hard work, support and funding. We thank our many generous donors, federal and state governments, state agencies, board of regents, and other partners too numerous to list. We appreciate the generosity of those who make possible our efforts.

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**32 Out of State Matches**



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