When Monica Browne-Hagans and Crystal Sanders joined the Oklahoma State University Center for Health Science’s Health Careers Opportunity Program (HCOP), they never imagined they would end up driving to a processing plant to fetch a bag of frozen cow’s hearts for study by eager seventh-graders learning anatomy.

But they did it; that’s just what you do when you implement health career learning opportunities for students. HCOP is a three-year, $1 million grant to OSU to give students who qualify a chance to learn about becoming doctors, nurses, dentists, veterinarians, pharmacists and health professionals.

Browne-Hagans, project manager, and Sanders, project specialist, oversee the grant to encourage diversity in health fields by providing students opportunities to develop needed skills so they can attend and graduate from health professions schools.

The program provides stipends for eligible students from middle school through post-college. They take part in specialized academic activities designed to help develop knowledge and skills to become health professionals. “Middle school kids are making decisions about careers. Here, they can explore and learn about job shadowing, meeting people and creating relationships,” Browne-Hagans says in describing ways HCOP helps.

The HCOP project kicked-off with a Seventh Grade Saturday Academy for middle school students (that’s where the cow’s hearts were studied). OSU medical students pitched in to teach anatomy and metrics. The students also learned about a variety of topics and even visited with organ transplant recipients.

This summer, Tulsa area high school juniors and seniors spent six weeks on the campus in an academic enrichment program. They studied math, chemistry, biology, creative writing and took an American College Test preparation course. They also participated in job shadowing with health care providers, a veterinarian and at a forensic lab.

Medical College Admissions Test (MCAT) preparatory courses for qualified college juniors, seniors or college graduates were offered. In addition, a select group of 10 college junior and senior undergraduates completed a post-baccalaureate program to prepare them for a year of medical school studies. They will spend a year in class with medical students, taking a half-course academic load in histology, medical biochemistry, physiology, microbiology and gross anatomy. If they complete the courses with an 85 percent score, they can apply to matriculate into the OSU College of Osteopathic Medicine as part of the Class of 2008, without repeating courses.

Browne-Hagans said other HCOP activities have included a two-day, on-campus workshop about applying to medical school. Workshops also have been held at the University of Oklahoma, OSU-Stillwater, Langston University, and Southeast Oklahoma State University.

The medical school completed a three-year HCOP grant in 2001 that boosted minority enrollment from 17 percent to 21 percent.

Project partners include the OSU College of Veterinary Medicine, OSU High School and College Relations, Langston University, Northeastern State University, Tulsa Indian Health Care Resource Center, Association of American Indian Physicians, Sapulpa Public Schools and Hamilton Middle School in Tulsa.

HCOP students Mary White and Megan Goddard job shadow at a veterinary clinic.
When Dawn Mayberry, D.O., a 1987 graduate of the OSU College of Osteopathic Medicine, completed her internship at Tulsa Regional Medical Center, she headed off to Baylor for a pediatric residency and a fellowship in neonatology, but something happened along the way. She fell in love...with pediatrics.

Now she’s a passionate advocate for quality health care for children, so much so that she says, “It has taken over my life.” It has taken over her office at Tulsa’s Utica Park Clinic, too, where boxes of newsletters, cards and information about the new Tulsa Coalition for Children’s Health, Inc. (TCCH) crowd a corner. She serves as the organization’s president.

TCCH started when a group of Tulsa pediatricians talking over coffee decided to try to make northeast Oklahoma’s fragmented children’s health care services more cohesive. They envisioned an integrated pediatric health system; a kind of hospital without walls. TCCH was incorporated in May 2001 as a nonprofit agency dedicated to improving access for all children to needed health care services.

TCCH has about 120 members including hospitals, physicians and related agencies dedicated to pulling children’s health care resources under an umbrella of advocacy, oversight, governance and philanthropy. It commissioned the National Association of Children’s Hospitals and Related Institutions (NACHRI) to study regional demographics and explore the feasibility of such a project.

A recent $125,000 grant from the Maternal and Child Health Bureau will fund assessment of data and develop an agreement to submit to several local hospitals. TCCH’s concept makes sense, Mayberry says, because, “It provides an economy of scale that will mean more efficient, higher quality care.” Other benefits she lists include pooled resources for equipment, a bigger political voice, improvements in medical education and recruitment of sub-specialists such as pediatric emergency room physicians. “It is a win-win situation,” Mayberry says.

Mayberry serves on the board of directors of Hillcrest Medical Group and the board of trustees of Hillcrest Women’s Health Center. Her family includes husband Brit, a pharmaceutical representative, and children Morgan, 7, and Kellen, 3. When she has time, the Broken Arrow native likes playing golf, traveling and reading and says she is hooked on Harry Potter epics.

Can you believe the school year has already begun? While getting my oldest child settled in at graduate school I was able to experience first hand the blackout of 2003 from the heart of Manhattan! Besides the heat, spoiled milk and traffic jams in New York, I missed the picnic back home where several of our students were honored with Alumni Association scholarships. The next morning our newest students were “inducted” into the family at the always-touching White Coat Ceremony. Special thanks to Dr. Charles Henley for filling in for me, and for representing the Alumni Association. This class includes several “legacies,” student doctors whose parents are our alumni (Kristen Battles, father Paul Battles, ’80; Chad Little, parents Tony and Sharon Little, ’92; Rachel McKinzie, father Jim Herndon, ’78; Tim Nokes, father Phil Nokes, ’79) who were already members of the OSU DO family. Unfortunately my oldest “legacy” is after a degree in law. Now you won’t hold that against me will you?

It was great to see so many of you at the “Welcome to OSU” reception for Dr. and Mrs. Fernandes. Our Alumni Association jointly sponsored this event with the Osteopathic Founders Foundation. We owe deep gratitude to Sherri Wise and her staff for coordinating all the details. For those who didn’t make it–the food was great and McBirney Mansion was lovely as always. We enjoyed the opportunity to catch up with friends and colleagues and get to know Dr. Fernandes and his wife Belinda. Dr. Fernandes offered us a challenge to help him bring the College to even higher levels and requested any OSU ties (the kind you wear) you might want to send his direction. It seems this is mandatory attire in Stillwater as well as other places when representing our College. He is interested in input from our alumni so please share with him your dreams for our school.

I have received requests to hear more about what each of you is up to. In this issue we are pleased to report news of Dr. Dawn Mayberry, as well as Dr. Robert Ketchum’s offspring, but we want more! Send us the latest news on your practice/location/children/grandchildren/etc.; otherwise you will be bored with more information about my family! I know you and your families are accomplishing great things and making an impact in your communities. So please call me, email me, or just call the school. The number is still the same: 918-582-1972, or toll free at 800-677-1972. Or call Alumni Affairs at 918-561-8217.

Here’s to a great 2003-2004!
I hope to catch YOU wearing ORANGE!
Warm regards,
Kathryn
Several scholarships were awarded to osteopathic medicine students for academic 2003-2004. Scholarships and recipients are:

**Alumni Association Endowed Scholarship**
On July 11, 2002 the Executive Committee of the OSU College of Osteopathic Medicine Alumni Association approved the first time awarding of three Alumni Endowed Scholarships to a second, third and fourth-year medical student. Alumni contributions to the scholarship fund now are awarded annually to OSU medical students on a need basis to help ease the financial burden of their medical education.

Brad Reddick, MS-IV
Alan Trumbly, MS-III
Stephanie Griffith, MS-II

**Daniel E. Overack, Ph.D., Scholarship**
This scholarship began in 1998 and is funded by alumni, faculty and staff donations, along with proceeds from past College golf classics. It is named for Daniel E. Overack, Ph.D., emeritus professor of anatomy and director of alumni affairs. Recipients are based on financial need, admissions requirements, community service, involvement in a health-related field and participation in student groups.

Aunna Cannon Herbst, MS-I

**F.L. Reed, D.O., Endowed Scholarship**
The F.L. Reed, D.O., Endowed Scholarship is awarded to a recipient who has completed the first two years of study, ranks in the top two-thirds of the class, has an interest in pediatric medicine and a strong commitment to the osteopathic medical profession. It was established in 1996.

Stephanie Husen, MS-IV

**Martin E. Fate, Jr.,-PSO Endowed Scholarship Fund**
This scholarship was established in 1998 in memory of Martin E. Fate, Jr. (1933-1995), who was deeply involved in the Tulsa Regional Medical Center Board of Trustees, and its foundation. Fate was CEO of Public Service Company of Oklahoma.

Kacey Wallace, MS-IV

**Lew Wentz Foundation Scholar Award**
Lew Wentz Foundation was established in 1926 by Lew Wentz for student loans. Today, the Lew Wentz Foundation provides OSU’s largest scholarships, based on academic standing with an emphasis on citizenship and leadership. Lew Wentz Foundation Scholars at OSU Center for Health Sciences are the senior-most graduate students enrolled in the DO/PhD program, demonstrating a commitment to scholarship and research.

Melanie Y. McKean
Kimberly A. Urick

**Auxiliary to the Tulsa Osteopathic Medical Society Scholarship**
A.T.O.M.S. has been supporting osteopathic medical education since 1980. As spouses of osteopathic physicians, the Auxiliary recognizes the many sacrifices students and their families face in attaining the Doctor of Osteopathic Medicine degree. The Auxiliary honors and recognizes OSU College of Osteopathic Medicine students by providing two scholarships yearly. Recipients are in the top one third of the class.

Erik W. Shupe, MS-III
Natasha Ahmed, MS-III

**Auxiliary to the Oklahoma Osteopathic Association Student Research Award**
This award funds students’ participation in summer research program under the supervision of faculty mentors between the student’s first and second years.

Jessica T. Erbacher, MS-II
Richard Le, MS-II
Kristy J. Wingerter, MS-II

**Osteopathic Founders Foundation (OFF) Outstanding Scholar Award**
The Osteopathic Founders Foundation (OFF) annual scholarship given in honor of this year’s OFF Outstanding Physician Larry Dullye, D.O., has been awarded to fourth-year student Robin Lewis of Del City. Fourth-year nominees Lisa Roche, LeAyn Dillon, Brad Reddick and Tammi Lahr received gift certificates from Matthew’s Bookstore.

The Oklahoma Educational Foundation for Osteopathic Medicine has awarded the following three scholarships:

OFF Endowed Student Scholarship
Rebecca Everhart, MS-III

OEFOM Endowed Student Scholarship
Kristopher K. Hart, MS-IV

Bob E. Jones Endowed Student Scholarship
Brad Reddick, MS-IV

American Medical Association Foundation Scholar’s Fund
Awarded to a student who has demonstrated excellence and financial need. Awarded by a scholarship selection committee appointed by the dean.

Summer Fillmore, MS-III
Robert Ketchum, Ph.D., an associate professor in the anatomy and cell biology department, is proud of his son and daughter. It’s more than the usual “they’re MY kids” kind of proud. It’s easy to see why.

Daughter Kristen, 17, and son Wesley, 15, volunteered this summer in campus labs, learning more about research. Kristen, who has spent three summers volunteering, is a graduate of the Oklahoma School of Science and Mathematics. She is now at OSU to study biochemistry and molecular biology. She plans a career in zoology or marine biology, studying captive breeding programs.

Volunteering for Earl Blewett, Ph.D., has prepped her for further study. “I have learned lab techniques, used pipettes, run gels, studied cultures and bacteria, and kept a lab notebook. I know my way around a lab now,” she says confidently. Besides that, she also knows a thing or two about sequencing viral genomes.

Wesley, now a senior at the Oklahoma School of Science and Mathematics, leans toward physics, chemistry and math, and helped Charles Sanny, Ph.D. His special interest is high-pressure liquid chromatography, the use of color variations to assess chemical compounds.

He says he has learned “a bunch of new stuff” working with Sanny. Wesley wants to work in research in physics or quantum mechanics (the basic particles of physics). He said he also learned it takes a lot of boxes to move a lab after helping Sanny box up items for his move to new space at Tulsa Regional Medical Center.

Ketchum enjoyed seeing how his children interacted with others on campus. “They got a lot of respect,” he says proudly. Ketchum and his wife, Kimberly, also have a daughter Kaitie, 12.
Eighty-nine medical students entering the Oklahoma State University College of Osteopathic Medicine received their first white laboratory coats at a ceremony in Founders Hall. John J. Fernandes, D.O., M.B.A., new OSU vice president for health affairs and dean of the College of Osteopathic Medicine, was the speaker for the event.

Email Us

The College would like to communicate with you through email. We are developing a database of alumni email addresses, and would like to include yours. The database will be used only for College purposes and will not be shared with third parties. Send your email address to: wtamara@chs.okstate.edu. Questions? Call Tami Watters at 918-561-8217.

Join Us!

The Alumni Association Executive Committee invites you to a luncheon at the 108th annual American Osteopathic Association convention in New Orleans. Meet the new dean of the OSU Osteopathic Medical College, John Fernandes, D.O., M.B.A., and renew friendships!

Time:  1:15-2:30 p.m.
Date:  Monday, October 13
Place: Hilton Hotel

SAM: Making all the right noises

Medical school faculty who teach clinical skills know it’s hard to find a live patient model with mitral valve prolapse or arterial stenosis when you need to teach those heart sounds, or to find a model with just the right bowel or breath sounds.

Listen to SAM (student auscultation manikin), he makes all the right noises. SAM is OSU’s new, high-tech teaching tool. SAM is an upper-body model that sounds just like a live patient. Stephen Eddy, D.O., ’81, physician diagnosis course coordinator, says instructors and faculty members are trained in using this new guy in town, and three SAMS now are effectively gurgling, beating and breathing away in clinical skills classes.

SAM has it all; 24 heart sounds, 24 breath sounds, 18 bowel sounds and four carotid bruit sounds in the correct anatomical locations. Just like Barbie, SAM has accessories including an infrared system for auditorium teaching that lets the class hear sounds while using Heartman infrared headphones that look and act like stethoscopes. Using a special electronic stethoscope and these new headphones, both instructors and students can hear sounds from live patients or patient models.

Teaching about the ear or the eye also gets an assist from new equipment, a new video ophthalmoscope that projects live images of the eye’s interior onto a monitor, using a patient model or student and a new video ENT/otoscope with a pneumatic bulb allows simulation of the vibration of the eardrum and wide-angled digital images. A camera and an illumination unit provide high-resolution video visuals.

Eddy says faculty use the new tools to integrate basic science and clinical teaching, and calls it a great review for practicing physicians who teach.
Second-year medical students presented Steve Eddy, D.O., ’81, and Ed Goljan, M.D., with Clinical Professor of the Year awards at their holiday ball.

Steven C. Buck, D.O., ’79, has been elected chairman of the Osteopathic Founders Foundation Board of Directors.

Jeff Halsell, D.O., ’98, will join Tulsa Regional Medical Center and Saint John Hospital in-patient rehabilitation in June 2004. Halsell, who is certified in internal medicine, is currently in his final year of physical medicine and rehabilitation residency at the University of Virginia. He was lead author of “Smallpox Vaccine Induced Myocarditis” in the June 25, 2003 issue of the Journal of the American Medical Association. Halsell also served as an Air Force reservist in Operation Iraqi Freedom at Andrews Air Force Base. Halsell’s family includes wife Kristin, and sons Cole, 10 and Jonah, 6. His email address is Halsell@ceva.net.

Ron and Robin LaButti, through the Osteopathic Founders Foundation, have established the LaButti Outstanding Scholar Award, a $1,000 annual award to the highest scholastic graduate. LaButti, a Tulsa D.O., is an orthopedic surgeon. He is a 1994 graduate of the University of New England College of Osteopathic Medicine in Biddeford, Maine.