

# Still

*magazine*

Boston Marathon  
tragedy hits home p. 14

Concussion research  
impacts youth  
athletes p. 16



**Taking hold of tech**  
The future is in our hands

# Power up

Students take a tech break on the Arizona campus.



point of view





Dr. Phelps joins Charles Brown III, D3, and Jessica Lecy-Hunter, D3, at ASDOH's Give Kids a Smile® event.

## Time flies

In the blink of an eye, my first year serving you as ATSU president has come to an end. Yet, we are just beginning. This thriving institution is moving toward its vision of preeminence, and there is much to celebrate. Our students, faculty, staff, and alumni have accomplished many great works and remain the reason ATSU continues to thrive. Across our country—from Kirksville, Mesa, St. Louis, Newtown, Boston, and rural Texas—ATSU family members have selflessly given. Globally, our students, faculty, and alumni continue to provide healthcare service to many with great needs.

In just one year we have watched the rise of ATSU's second dental school, the Missouri School of Dentistry & Oral Health. Together we have experienced the search and selection of a new senior vice president – academic affairs, who will further unite all academic units. Interprofessional educational opportunities are growing for our students. And, ATSU's integration of technology continues to strengthen communication and learning for all.

As I reflect upon the past year, I am humbled and amazed at what we have accomplished. I am simultaneously enthusiastic about the amount of work that lies ahead as we realize our vision.

Time is of the essence.

Yours in service,

Craig M. Phelps, DO, '84, president

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## Our mission

A.T. Still University of Health Sciences serves as a learning-centered university dedicated to preparing highly competent professionals through innovative academic programs with a commitment to continue its osteopathic heritage and focus on whole person healthcare, scholarship, community health, interprofessional education, diversity, and underserved populations.

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**Get ready,  
get tech, go!**

*Still Magazine* beta tested  
and analyzed the tech-  
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ATSU's No. 1 ed-tech tool.

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– **Bryan Krusniak, BSE, MBA, ITS assistant vice president**

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Cover design  
by Gail Doss  
Cover photos by  
Kelly Rogers

*Still Magazine* strengthens and extends the positive connections of alumni, faculty, staff, and students to the University and each other by informing, entertaining, and engendering pride in a shared experience and University mission. The magazine focuses on a variety of academic, social, political, cultural, scientific, and artistic issues through the lens of alumni and student achievements, faculty research, and institutional news.



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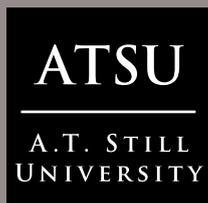
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Record a change of address with  
Alumni Relations at [alumni@atsu.edu](mailto:alumni@atsu.edu).

*Still Magazine is published two times per year by  
Communication & Marketing, A.T. Still University.*

[stillmagazine.atstu.edu](http://stillmagazine.atstu.edu)



First in  
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Email residents about schedule change. Review article on healthcare reform. Type case report. Refer patient to a specialist. Review lab report. Review X-ray. Review CAT scan report. Check email. Check fax machine. Return pharmacy refill requests. See first patient. See 10th patient. Chug coffee. Fill out physical exam forms. **Read your alumni magazine.** Follow up with lab tech. Leave voicemail with patient about blood work. Comfort new mother while giving newborn shots. Fit a hearing aid. Explain why generic medication won't work for this condition. Return son's phone call – yes, I can pick you up after soccer practice. Listen to a heartbeat. Take a pulse. Follow up with dermatologist. Follow up with audiologist. Phone in cough medicine. Check oral hygiene. Phone in antibiotic. Consider new options for state aid patient refused by specialist. Order MRI. Call neurologist. Fill cavity. Apply sealants. Update medical records. Tune cochlear implants. Sign up for continuing education hospital rounds. course. Make protection Conduct hearing program at local school. Straighten teeth. Make nursing home rounds. Diagnose unusual physical symptoms as depression. Schedule surgery. Schedule ultrasound. Prescribe medicine for hypertension. Perform colonoscopy. Counsel patient on infertility. Interpret audiometer results. **stillmagazine.atstu.edu.** Take impressions of teeth. Perform root canal. Screen patient for jaw bone cancer. Examine medical history. Measure range of motion. Test motor function. Develop treatment plan. Perform Well Child exam. Hang up lab coat.





AuD program



DO program



DMD program

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- ASHS Dean's Scholarship Fund
- KCOM Endowed Scholarship Fund
- SHM Financial Award
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"Unexpected financial hardships almost put my dreams of finishing my education to a screeching halt. Being a scholarship recipient not only helped me financially, but also gave me the motivation to excel and ultimately begin a career in audiology, where I have endless possibilities."

**ASHS – Skyler Perkins, AuD, '11**

"I'm from Farmington, Mo.; therefore, I'm very familiar with the Mineral Area and the surrounding underserved communities. I believe that I am truly blessed to have the support of the community and the Mineral Area Osteopathic Foundation. My plan to return to the area I call home to practice medicine somewhere down the road has only been strengthened by being awarded this scholarship."

**KCOM – Jesse Beard, OMS III**

"The magnitude of this award is beyond any level of generosity I could have ever imagined. I have always planned to give back to my patients, community, and future medical students. This award has further solidified that desire."

**KCOM – Jessica Kline, OMS IV**

# A.T. Still University

Dedicated to educating highly competent healthcare professionals with a commitment to serve underserved populations.

## the challenge

Easing the debt burden of our students, enabling more osteopathic healthcare professionals to serve underserved communities.

## the solution

You. By making a contribution to an ATSU scholarship fund, you can help alleviate some of the debt burden our students incur while obtaining their osteopathic education, allowing more students to commit to serving underserved communities and provide the high level of care these areas desperately need.



Photo credit: Mark Skalny Photography

# Inspiration

## **Day for Special Smiles** *Free dental care is a win-win*

ASDOH hosted its second annual Day for Special Smiles in November 2012, providing dental care to people with developmental disabilities, including athletes from Special Olympics Arizona. An astounding 45 patients needing extra dental attention were given oral healthcare free of cost. This unique initiative is especially critical for this underserved population as many private dentists cannot accommodate those with special needs and sites are limited, often resulting in untreated oral diseases.

"We are excited by the win-win situation of this event. Our students get a great opportunity to meet and treat special patients in a real-life service learning model, and folks who really need it the most get some very necessary dental care," said Maureen Romer, DMD, associate professor, director, special care dentistry.

(l-r) Valley Life patient Donna Farkas; ASDOH Associate Administrative Director Rebecca Schaffer, DDS; and Henry Martinez, D4

# Q-and-A with a former gorilla

By Eden Derby



It takes a daredevil to be The Gorilla. Nelson's on-the-job injuries include broken bones, torn ligaments, foot surgery, and an almost-bitten-off tongue.

We had the chance to monkey around with Devin Nelson, DI, former mascot for the Phoenix Suns. Here's what he had to say about this truly once-in-a-lifetime experience as The Gorilla.

## Q: How did you get the job?

**A:** A career as a mascot was definitely not something I dreamed of. I'm the kind of person that used to make fun of the mascot. But, when I found out dressing up as the mascot at Brigham Young University would pay for my education, and free food was involved, I was in.

Before graduating, I was asked to fill in last minute as The Gorilla at a charity appearance in Utah. Unbeknownst to me, I was auditioning for a job. The Phoenix Suns needed a back-up, and word spread I was perfect for the job. They called me, I tried out, and the job fell into my lap. It was my full-time job for six years. We did 45 home games per year and as many as 400 appearances.

## Q: How do you think your career as a primate will translate to dentistry?

**A:** As The Gorilla, I had to learn how to captivate crowds on a one-on-one basis. Since I wasn't allowed to talk, I learned how to read people and get my point across using body language and hand actions, which I believe are skills that can translate to

dentistry. I'm pretty sure I won't have a problem wearing a mask and gloves. As a mascot, kids either love you or hate you, so if I go into pediatric dentistry, I hope to not make as many kids cry as I did when I was the mascot.

## Q: Why did you decide to trade in your gorilla head for a career in health and teeth?

**A:** Mascots have a career lifespan similar to those of professional athletes because our bodies can only do so much for so long. Many mascots don't know what to do after they retire. I didn't want to be in that position, so I went back to my original plan of becoming a dentist and found ATSU, whose mission aligns with how I was raised and who I want to be.

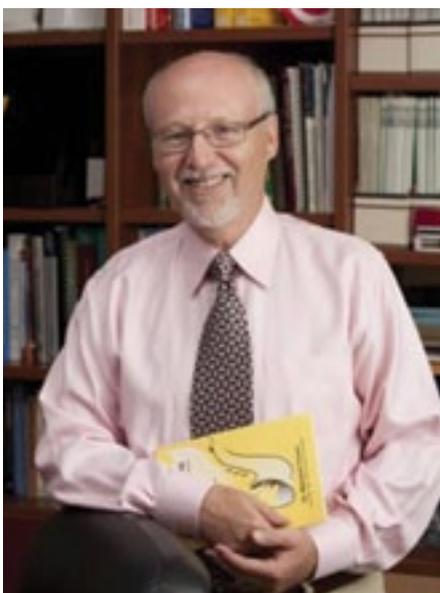
## Q: What is one of your funniest mascot memories?

**A:** We had a school program where a player would read a story, and I would act it out. The story begins with The Gorilla waking up and getting out of bed to start his day; it ends with The Gorilla going to bed. A table was used as the bed. Sometimes I would pretend I wouldn't want to get on the table and go to bed, but the person reading would scold me until I would run over to the table and lie down.

At one appearance, I ran to the table and jumped a little higher and harder than usual. I broke the table right in half, and it was hilarious! Everyone was laughing. The kids couldn't stop laughing, the player reading couldn't stop laughing, and I couldn't stop. It took a while before we could begin again. 🦍

# The sound of music

By Lee Cashatt



Marshall L. Chasin, AuD, '03, is banging the drum on hearing loss prevention among musicians. A mathematics and linguistics major turned audiologist, Dr. Chasin has spent nearly 30 years in the profession. With self-proclaimed tenacity, he holds numerous faculty appointments, is a weekly blogger, and is the author of six books. His 1996 book, "Musicians and the Prevention of Hearing Loss," changed many audiologists' tune on the topic.

Dr. Chasin mostly works with musicians in a preventative and rehabilitative manner. Since the '80s he has volunteered with the National Youth Orchestra of Canada, an advanced orchestral training institute for musicians ages 16-28. In 2012, he received the Queen Elizabeth II Diamond Jubilee Medal for his volunteer services. The honor was presented by the governor general, Canada's representative to the queen.

"I help musicians play their music safely so that 30-40 years down the road they don't experience hearing loss," says Dr. Chasin, a black belt who also teaches youth karate.

Keeping Canada's young musicians healthy means providing specially-designed hearing protectors that allow them to hear their music at a safer level. They are taught to protect hearing by modifying their environment and are educated in sound moderation. Dr. Chasin says intensity is what damages hearing, not loudness.

"There is nothing wrong with listening to Beethoven or AC/DC or Kiss, but cool it the next day," he advises. "Give the ears some reprieve. It's intensity and duration together that causes damage."

Dr. Chasin reminds musicians that more than just their vocation is potentially damaging to hearing. Lawn mowers, blow dryers, motorcycles, and vacuums can also erode the ear's sensibilities.

"Musicians are more than just musicians—they are also riding their motorcycles and mowing their lawns," he says. "All of these things can add up to hearing loss."

Not only does Dr. Chasin work with musicians, he too is an instrumentalist, playing both the guitar and the clarinet.

"I thought I was a second-rate musician, but my son, who is a great musician, tells me I'm third-rate," he jokes. "When I come back reincarnated I am going to come back as someone who can sing."

Not one to play second fiddle, Dr. Chasin's inquisitive nature continues to amplify the discipline. As director of auditory research at the Musician's Clinics of Canada in Toronto, coordinator of research at the Canadian Hearing Society, and director of research at ListenUp Canada, he has spent the last 15 years researching language and how to adjust a hearing aid to receive, for example, English versus Turkish.

He also volunteers with Toronto's homeless population, who, he says, has statistically greater hearing loss than the non-homeless (approximately 10 percent versus one percent).

It must be his tenacity and inquisitiveness that keeps this hearing advocate so busy. After all, Dr. Chasin decided to get his doctorate from ATSU after practicing for more than two decades.

"2003 was an interesting year for me. It was nice to remind myself of things that I had forgotten. For that, I loved the program," he says. [✉](#)

# Keeping the **pace**

By Eden Derby



It's comforting to know your doctor understands exactly what you're going through. That's why Wilbur Freeman III, OMS II, decided to go back to school even though he loved his career as a biomedical engineer.

Freeman was no stranger to ATSU before starting medical school at SOMA. On two separate occasions, he worked as a research assistant on projects involving both ASDOH and ASHS. Between stints conducting research, he worked for St. Jude Medical, monitoring the implantation of pacemakers in patients who, like himself, have a congenital heart block.

At Freeman's 6-month baby wellness check, doctors discovered the problem, and he has since been under the care of a cardiologist. He received his first pacemaker at age 9, and three pacemakers later, is following a newly realized dream of helping people with pacemakers as their physician.

Freeman worked for St. Jude Medical to help patients like himself. Part of his job included monitoring physicians as they implanted pacemakers and ensuring specifications set forth by the manufacturer were being met. Even though he loved what he was doing, he felt he could do more.

"I was just as integral as the surgeon putting in the pacemaker, but I felt limited," says Freeman. "I felt like I had a big glass ceiling on top of me because I thought I could do his job and still be more effective at helping patients."

After discussing options with his wife, Freeman decided to return to medical school to become a board certified cardiologist,

implanting pacemakers. He plans to specialize as an electrophysiologist to work with the electricity of the heart.

"I can connect with patients on a greater level because I have the same problem, and they would open up to me in ways they normally wouldn't with the doctor," Freeman says. "If there's anything I can do to delay them from having surgery again, I will because I'm in the same boat."

That's why Freeman returned to ATSU—to make the biggest impact he can on people's lives.

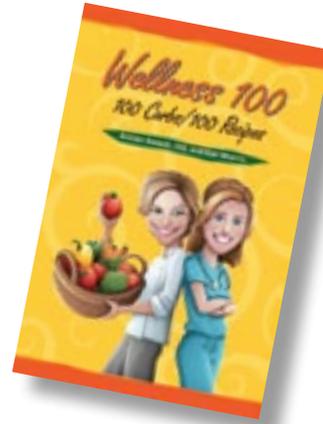
## Did you know?

**A pacemaker implantation takes 30 minutes or less and is less painful than pulling a tooth.**

"I can be that person—the person who patients look at and say, 'He'll take care of me like he's taking care of himself,'" says Freeman. "I want that relationship." 

# The foody

By Katie Thudium



When it comes to women's wellness, Amber French, DO, FACOG, '00, is one smart cookie. A self-proclaimed "foody," she's changing the rules of healthy eating and weight loss, becoming the apple of her patients' eyes.

A board certified OB/GYN, Dr. French's interest in wellness and nutrition began while completing her fellowship in anti-aging medicine. Frustrated by obesity issues in her patients and Americans in general, she vowed to do more.

After developing a nutritional program for herself, she formalized the information into a program for her patients. The program sparked the idea for "Wellness 100," a book she co-authored with friend and professional chef, Kari Morris. The nutritional program and cookbook helps readers lose weight while eating a balanced diet that naturally combats diseases of aging such as heart disease, stroke, cancer, diabetes, and obesity.

"I want my patients to be healthy," says Dr. French. "I want them to leave my office thinking, 'She really did talk to me about how to live a longer, happier life.'"

**"Our goal was to prove you don't have to eat rubbery chicken breast and steamed broccoli every night."**  
— Dr. French

Growing up, Dr. French learned traditional methods of weight loss, such as low-calorie diets, but through research and experience realized those methods were ineffective.

"You can't eat 1,000 calories of pasta and candy per day and expect to lose weight," Dr. French says. "It won't work."

Dr. French also disagrees with the notion of a low-fat diet because some fats are critical to people's health.

"Avocados, olive oil, and nuts are such fantastic fats," she says. "When we cut those fats from our diets, we get sicker rather than healthier."

Instead, she believes the answer is eliminating processed foods and unhealthy carbohydrates.

"It's not about 'How low can you go?' with carbs," says Dr. French. "It's about finding a balance among the healthy carbs, fats, and proteins in your diet."

As for her patients, one credits Dr. French with saving her life. The 65-year-old woman, who enjoyed globe-trotting with her husband, was staying home because she felt terrible and didn't have enough energy to travel. After following Dr. French's program, her cholesterol dropped, and she lost 50 pounds.

"The program is easy to follow," Dr. French says. "I think most people are shocked about the things that are really good for them."

Dr. French has a taste for helping others find a healthy balance and lifestyle. While more work lies ahead, she remains committed to women's wellness and continues to follow her own advice. 

# Thinking outside the pink

By Eden Derby



When tragedy strikes, it changes who we are. That's what happened to Michele Doughty, DHEd, '11, when her dear friend lost her life to breast cancer. What started as a personal experience grew into a research project and became a lifelong passion.

"When she died, I couldn't believe that in our modern day society of cutting-edge research and advances in medicine, so many women are still dying from breast cancer," says Dr. Doughty. "It was an awakening for me; what should we do to take a preventative approach?"

That's what sparked her interest in breast cancer research. After learning very little research was conducted on breast cancer in young women, particularly African Americans, she decided to make her research focus as an SHM doctoral student on just that. At first, her research study was not well received because many believe only postmenopausal women can get the disease. Conversely, Dr. Doughty learned that young African American women have a higher prevalence and a more aggressive type of breast cancer that is harder to control.

In her applied research, Dr. Doughty designed and implemented an evidence-based breast cancer intervention course. The course tailors to young women to increase the understanding of breast cancer and preventive services.

"We have to begin looking at the phenomenon of breast cancer like we never have before," Dr. Doughty says. "We need to be prepared for the number of breast cancer cases to double, even triple, over the next 10 years. We have to look globally for answers and break down cultural barriers about breast cancer."

Along with her research and contextual models, Dr. Doughty is working to establish her own holistic coalition through her website, [www.heinfo.org](http://www.heinfo.org). Dr. Doughty says women appreciate that her website isn't overwhelmingly pink. She has found that while the pink movement is symbolic of breast cancer, big pink balloons can put women off and be overwhelming to those who have lost loved ones.

**"Sometimes, women who have breast cancer don't want to be reminded they have breast cancer every day."**

**– Dr. Doughty**

That's why Dr. Doughty uses what she's learned to speak to young women about breast cancer. Her advocacy focuses on a vivid and real environment, prevention, and a place to ask questions and talk about the facts. It's about working with organizations and changing perceptions that young women can and do get breast cancer—just like her friend. ■



# Features

## Healing the children *AuD student returns to Ethiopia*

Third-year audiology student Rebecca Gebremichael helped care for 250 children as part of a medical team at the CURE Hospital and Makanissa School for the Deaf in Addis Ababa, Ethiopia, during a mission trip with Healing the Children. Gebremichael, who was born and raised in Ethiopia until she was 13, is fluent in Amharic (Ethiopia's primary language) and was able to "bridge the communication barrier" to provide the best care possible.

"There is a great need for audiology services in Ethiopia since there are a significant number of children with hearing loss and no audiologists," Gebremichael said.

The medical team provided services including diagnostic testing, audiology examinations, and repairing and dispensing donated hearing aids.

**Gebremichael makes friends with children at the Makanissa School for the Deaf.**

# Terror strikes the marathon

By Eden Derby & Katie Thudium



Photo credit: David L. Ryan/The Boston Globe

Dr. Levine (front) helps carry a victim by stretcher.

The senseless attack at the Boston Marathon turned a day of triumph into a day of horror. Two bombs, which left three dead and more than 144 injured, rocked the city of Boston and impacted communities across the country. For the ATSU community, an alumnus and a faculty member, both of whom participated in the event, recall their experiences that tragic day.

## Courage amid chaos

“Get everyone out that can go! We’re going to have mass casualties!” yelled Martin S. Levine, DO, ‘80, MPH, ‘03, FACOFP, immediately after the first bomb exploded near the Boston Marathon finish line.

Dr. Levine, a former marathon runner and 19-year volunteer finish line physician, was standing one block away when he heard the blast. Without thinking, he raced toward the rising plume of smoke. Suddenly, the second bomb went off. In the back of his mind, he wondered, “What are the chances of a third bomb?” Relentlessly, he kept running.

Dr. Levine came upon a horrific, war-like scene: blood and debris covering the street and sidewalk, people in shock, dozens lying in heaps with their legs severed, wounded, or deformed. He quickly took action.

The victims had lower extremity injuries from the back, and Dr. Levine knew they were in danger of extreme blood loss. He scrambled to find anything he could use as tourniquets.

“We asked people for their belts,” recalls Dr. Levine. “We took off the lanyards we used for credentials and tied them around people’s legs. It was unbelievably horrendous.”

Within minutes, waves of medical personnel arrived with clean bandages, backboards, gurneys, and wheelchairs. A triage

began, with the most serious loaded onto stretchers and carried to waiting ambulances and EMS stations. Dr. Levine stayed on site until most of the seriously wounded victims were moved, finally helping transport a woman to an ambulance.

Although no one could have anticipated such a traumatic event, the medical staff was prepared. Last year, the team treated 2,300 people, most of whom were ill from the heat. While this year’s marathon was much different, the staff’s readiness and attentiveness helped save many lives.

“We were capable of taking many more victims, no matter how severe,” says Dr. Levine, who spoke at the 11th Annual Anti-Terrorism Symposium in New York City after the bombings. “We knew what was available and how to get it to the injured. I believe we saved some limbs and perhaps even some lives.”

Staying true to his motto of “thinking osteopathically” and giving back, he plans to teach an anti-terrorism class at Touro College of Osteopathic Medicine where he is an associate dean and professor of family medicine. In an effort to take a stand against this kind of violence, the class will focus on trying to stop terrorism and being prepared to help in the worst-case scenario.

## Running late

It was a close call. Whether coincidence, fate, or a higher power, an ATSU professor and his family were saved that day. Had they been on their originally planned timetable, they could have been at the finish line when the bomb detonated.

"I thought, 'Did someone have a heart attack?' Then I saw helicopters. I knew something bigger was going on."

KCOM Physiology Chair Fred Peterson, PhD, was moving a little slower than previously anticipated. He had hoped to complete his fourth Boston Marathon in less than 4 hours, 15 minutes, but was running behind that pace. He was stopped a half-mile from the finish line when a spectator received a call that a bomb exploded.

The spectator passed a cell phone around, and Dr. Peterson was able to contact his family, who were all safe from the blast. His son-in-law, who was tracking Dr. Peterson's pace, knew they had more time to make it to the finish line. A timely visit to the restroom also delayed their arrival. They saw the blast from a block away and immediately left the area. They were unharmed, but concerned there were more bombs.

"It really puts in perspective how fortunate most of us are most of the time that we don't happen to be in the wrong place at the wrong time. You look back and ask, 'What if I had been on my goal? What if my family hadn't stopped to let the kids go to the bathroom?'"

He never saw the scene of the blast and spent the next 45 minutes making his way to get his belongings. Dr. Peterson says he was playing that mind game that runners do, because they have so much time to think: "I am really cold. How small of me to worry about that. I am so fortunate to be here and be alive. There are folks in there who may be dying." The real shock came about two days later. The first few days were about making sure everybody's OK."

Although the marathon ended in a tragedy he thinks about every day, Dr. Peterson says it won't stop him from going back. After a 17-marathon career, he is thankful he's had the strength and ability to keep running, but he doesn't know how many more marathons his future holds. He is especially thankful he and his family safely returned from Boston on April 15.

"Had I been on track to get the time I was shooting for, I'd have been real close." 



The Boston Marathon tragedy won't stop Dr. Peterson from running.

# Sidelined

By Lee Cashatt



Kids and sports go together like a ball and glove. Kids are competitive, energetic, active. Sports are fun, fast, lively. If only sports and safety were as synonymous. Consider the nearly four million sport-related concussions that occur annually in the United States. The large number of athletes sustaining this injury, their young age, and the potential for cumulative effects of repeated injuries make this one of today's most important public health issues.

**Keeping score**

**1.6-3.8**

million sport-related concussions occur annually in the United States

**8.9%**

of all high school athletic injuries suffered were concussions

According to the American Academy of Pediatrics, the number of young children treated in hospital emergency departments for concussions received while playing school sports has doubled in the last decade. Sport-related concussions account for nearly four million injuries annually and approximately nine percent of all high school athletic injuries, according to the Center for Disease Control and Prevention.

Recent media headlines raised concerns that sport-related concussions may have contributed to the suicides of professional football players, prompting the U.S. government to launch a study of the rising incidence of injuries among youth athletes. The Institute of Medicine found a shortage of data on sport-related concussions among young people. With no current data on concussions or musculoskeletal injury in this population, the scope of the problem in the youth athlete is relatively unknown. Of particular concern is what repeat injuries over time will do to a young individual both cognitively and emotionally.

Closing the research gap is the ATSU Concussion Program. Led by ASHS Athletic Training Professor Tamara Valovich McLeod, PhD, ATC, FNATA, the program studies how concussions affect pediatric athletes using a variety of measures, including some not traditionally used in concussion research.

Dr. McLeod's research focuses primarily on high school and youth athletes, evaluating children as young as age 5. Sport-related concussion is a significant concern at all levels of athletic participation; however, the pediatric population is of special concern in respect to maturity and how their body responds to traumatic events. A child's maturity rate (physical growth, motor development, cognitive, visual-motor, auditory, and perceptual motor) greatly affects how they will respond to a sport-related concussion. In addition, their brains are continuing to develop and it is unclear how a concussion may affect long-term function.

According to Dr. McLeod, clinicians have several tools for assessing concussion impairment, such as symptomology, neurocognitive testing, and balance testing. But, it is unclear how concussions affect a student athlete's health-related quality of life, which is important, says Dr. McLeod, because it assesses functional loss or disability—thought to be more important to a person's subjective experience of health.

Also unique to Dr. McLeod's research is its whole person approach, investigating how concussions affect young people as students and in their relationships with friends, teammates, and families.

"[Our research] puts a different spin on concussions," Dr. McLeod explains. "There is more going on than just whether or not an athlete should return to play. We look at the potential for long-term issues and how to mitigate these issues. We are now starting to determine whether there are certain interventions we can do to improve their outcomes and success in the classroom as well as in the sports arena."

Dr. McLeod works primarily in Arizona, where concussion research is a priority. Arizona is the leading state in the education and management of concussions among young athletes. In 2012, the internationally known Barrow Neurological Institute, based in Phoenix, launched the Barrow Concussion Network in partnership with ATSU, Arizona Interscholastic Association (AIA) schools, and the Arizona Cardinals. The network is the most comprehensive concussion prevention, treatment, and education program in the nation and raises awareness of the dangers of playing through a brain injury. It includes mandatory concussion education, voluntary pre-injury testing, post-injury medical resources to all AIA schools, and research on injured Arizona students.

In addition to the network, Barrow debuted Brainbook in 2011, the nation's first mandated online concussion education and test for high school athletes. Brainbook is modeled after social networking sites to make it more approachable to its young audience. Since its inception, more than 100,000 Arizona athletes have been educated.

ATSU's collaboration with Barrow gives Dr. McLeod front row access to the latest data on youth sport-related concussions. She is also a referral source for athletic trainers and athletic directors at participating secondary schools for questions and evaluation. She found schools are often not equipped to handle a concussed student-athlete in the classroom. According to Dr. McLeod, there is a disconnect between academic and athletic sides of schools. However, the obvious lack of communication tends to improve when the school's athletic trainer can facilitate the process.

"In general, most concussions recover in two weeks. Athletes with prior history of concussion take longer; some are out of play for six months, and we have had a few out of school for a month. Some can stay home for a few days; some need temporary accommodations at school, such as rest breaks," says Dr. McLeod, who is a John P. Wood, DO, Endowed Chair for Sports Medicine.

67.6%

of high school football concussions were caused by tackling or being tackled

173,000

No. of brain injuries treated yearly by U.S. ERs, including concussions, related to sports/recreation among people less than 19 years old



Dr. McLeod looks at the computer screen as balance is assessed using the Sensory Organization Test in the ATSU Neuromuscular Research Laboratory.

### **The technology behind ImPACT**

As part of the Barrow Concussion Network, all Arizona athletes may undergo ImPACT testing, a neurocognitive evaluation tool that helps determine when cognitive function has improved enough to return to play following a concussion. Athletes voluntarily take a baseline test before the start of the season to measure their cognitive level when they are healthy. When an athlete suffers a concussion, they repeat the test and athletic trainers and physicians compare the scores to help gauge whether the athlete is ready to return to play. The computerized test uses words, shapes, colors, and patterns to measure symptoms, reaction times, and processing speeds.



But for researchers everywhere, the million dollar question is how many is too many? What is the impact to youth on having successive concussions, especially when there is no prevention?

"There's really no way to prevent concussion, but we can reduce the risk," Dr. McLeod says. "Coaches know their players better than anyone. If they don't seem right, start asking questions and get them evaluated by a medical professional with experience in this area."

Most concussion diagnoses are self-reported or someone sees a hit and brings it to someone's attention.

"There is no blood test, litmus test, or imaging to diagnose a concussion," says Dr. McLeod. "We use a lot of tools to help in the assessment, but none of them are diagnostic."

One important tool used in Dr. McLeod's research is qualitative one-on-one interviews with athletes and parents, an area of collaboration with Program Director and Associate Professor of Athletic Training John Parsons, PhD, AT/L. These interviews allow researchers to look at how concussion affects changes in personality and behavior. Patient narratives allow them to describe their unique experience without biases imposed by the researcher.

"Narratives can provide meaning, context, and perspective regarding the patient's health-related quality of life," explains Dr. McLeod, who found three themes characterizing the experience of patients with sport-related concussions: isolation, minimization and masking, and emotional slippage.

"Concussed student-athletes often feel isolated from their team when they are held out of play or school because of their injury," says Dr. McLeod. "They often then try to minimize their injury, as a means to prevent further isolation. However, the emotional changes resulting from the injury are eventually revealed and noticed by parents. Collectively, these issues place some strain on the family relationship until the concussion resolves."

Sport-related concussion has also been linked to depression, mood disturbances, sleep disturbances, and attention/concentration issues, all of which may affect one's perception of health-related quality of life. A recent concussion consensus statement by the Concussion Sport Group identifies psychological management as an area that should be addressed, as mental health issues and depression may persist following concussion.

And, as with any research, there is still much to discover.

Richelle Mayfield, AT, '14, works as a research assistant with Dr. McLeod. Soon she will begin doctoral studies in kinesiology at the University of Michigan where she will continue investigating the biomechanics and physiological effects of concussion in football athletes in the Neurotrauma Research Laboratory.

"This research will use accelerometers in football helmets that measure acceleration forces and the number of impacts to the head that an athlete sustains," Mayfield explains. "Additionally, EEGs are collected to determine brain wave activity. The different technologies used with concussion are intended to help better identify what type of force may result in a concussion, as well as the detrimental short- and long-term effects following a concussion."

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## Did you know?

**Sports equipment like helmets and mouth guards cannot prevent a child from suffering a concussion.**

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According to KCOM alumnus P. Gunnar Brolinson, DO, '83, FAOASM, FAAFP, FACOFP, the 3.5 million youth football players in this country are the most poorly studied of athletes participating in helmeted sports activities. Dr. Brolinson, sports medicine chair and associate dean for clinical research at Edward Via College of Osteopathic Medicine and head team physician for Virginia Tech Hokies football and team physician for the U.S. Olympic Ski Team, has been studying traumatic brain injury since 2003. Dr. Brolinson and his research team were the first to use in-helmet accelerometers to characterize head accelerations in collegiate football.

His previous research collected biomechanical data to characterize brain injury in collegiate athletes, and his team recently instrumented the helmets of youth football players with a sensor array capable of measuring the linear and angular acceleration the head experiences with every impact.

"This research allows for better characterization of head impacts, which has led to improved helmet testing and design, as well as rule changes to protect young athletes," says Dr. Brolinson. "Based in part on our research, significant rule changes have been implemented in Pop Warner Football."

A concussion is as individual as the person sustaining it, and the patient's care must too be individualized. The common denominator is the serious long-term cognitive deficits a concussion presents, making continued research critical to determining proper management and timing for safe return to play and classroom participation.

This gets kids, sports, and safety together on a more level playing field. 

# Through the lens: Preparing for crisis

By Katie Thudium



The USNS Mercy at night

In May 2012, the USNS Mercy (T-AH-19) departed from San Diego, Calif., for a unique mission of training and service. Each year, the mission—known as Pacific Partnership—brings together knowledge and skills of the U.S. military, non-governmental organizations (NGOs), and international partner nations to “prepare in calm to respond in crisis.”

This was Pacific Partnership’s seventh year of service, traveling to Indonesia, the Philippines, Vietnam, and Cambodia—regions that experienced tsunamis, earthquakes, volcanoes, and other natural disasters in recent years.

O.T. “Ted” Wendel, PhD, vice president for Arizona operations, was aboard the USNS Mercy as a photojournalist. Here are excerpts from his voyage, in his own words and photos.

## Monday, June 18

They tell me there are 96 stairs between my duty station and my berth. I haven’t counted them, but yesterday, my first day aboard the USNS Mercy, I climbed those stairs eight times. Climbing stairs, meeting people, and waiting in line to climb more stairs—that is the life for a new NGO on a ship that will serve as a highly visible ambassador for the next two months.

## Monday, June 25

Yesterday afternoon, Joy, a 22-year-old woman born with bilateral cataracts, was seen at one of the medical civic action projects set up on the island of Samar, Philippines, by the Mercy medical teams. Joy had no discernible vision and could make out little beyond light and dark. The surgeons recognized a chance to make a dramatic change in this young woman's life.

Dr. John Jarsted, a volunteer ophthalmic surgeon from Federal Way, Wash., removed the cataract. The surgery was short, and three hours later the patch was removed from her right eye. I was there to capture the moment her world changed—the moment she saw her mother's face for the first time.



Joy sees her mother for the first time in the recovery room.

## Wednesday, June 27

My search for a story took me to the dental ward where I met Dr. David Allen. He was reviewing a dental X-ray from a 6-year-old girl, Victoria—a beautiful child who lives with her mother and grandfather in Calbayog on the island of Samar, Philippines. Every day her grandfather walks her to a little shop and buys her a piece of candy. This routine has been repeated each day for four years. Victoria saves the candy to eat just before bedtime. She doesn't own a toothbrush. The X-ray revealed that Victoria doesn't have one tooth without decay.



Dr. David Allen teaches Victoria about dental hygiene.

## Friday, June 29

On most days, my "commute" to shore is on a Landing Craft Air Cushion (LCAC). It's best described as a hovercraft used to transport a large number of passengers quickly to shore. Yesterday my assignment was to photograph the LCAC being launched from the rear of the Ohsumi. I spent an hour bobbing about in a small boat waiting for the LCAC to slide down the ramp into the bay and then quickly drench me with a large rooster tail of water as it departed to shore.

The LCAC is provided by the Japan Maritime Self-Defense Force ship Ohsumi. Japan is a partner nation in the Pacific Partnership mission.

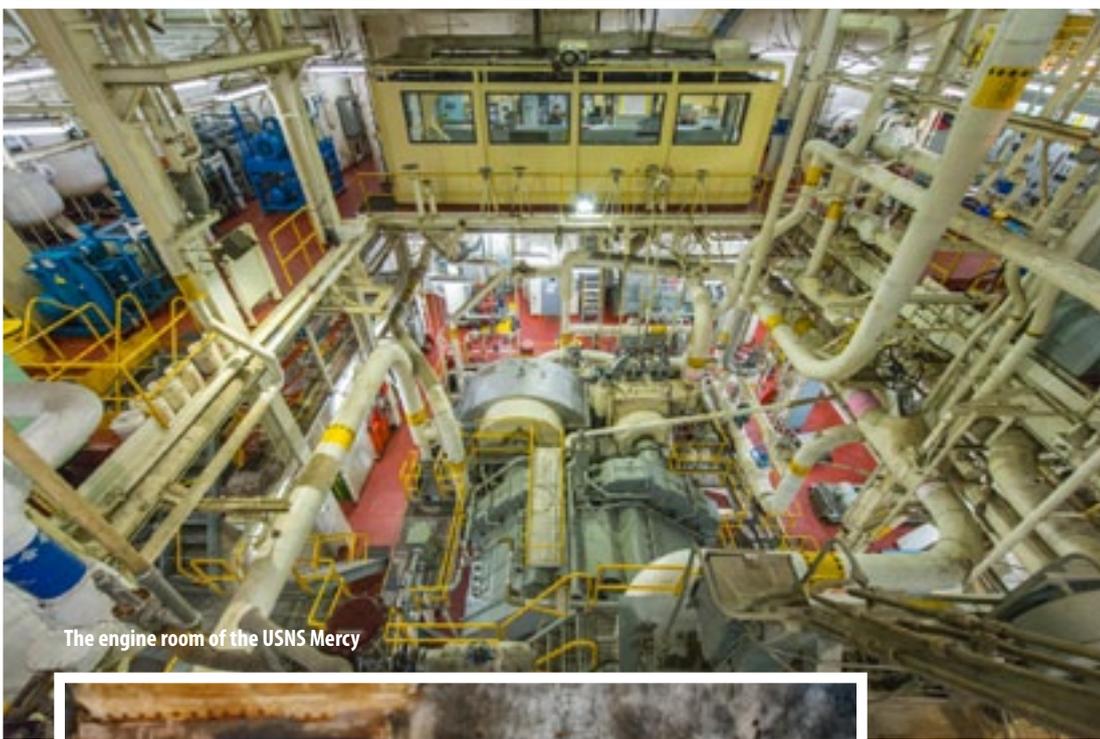




Ohsumi at sunset

### ATSU and the U.S. military

- 126** ATSU students in the U.S. military
- 8%** KCOM students match into military residencies
- 5.5%** SOMA students match into military residencies



The engine room of the USNS Mercy

### Saturday, July 7

This is the Japanese Maritime Self-Defense ship, Ohsumi, at sunset. I took this picture as I returned from my first day ashore in the Philippines.

### Saturday, July 14

The descent into the engine room was intimidating and hot! The USNS Mercy is powered by steam, which is created in a big, hot boiler. This photograph of the engine room gives you a perspective on the massive size of this hot room and the intricate web of machinery and pipes.



Vietnamese gentleman

### Sunday, July 15

Last Thursday we visited a site where the Seabees were building a new clinic. This Vietnamese gentleman peered over the wall adjacent to the site and demanded that I take his picture. At least that's what I think he was saying.

## Tuesday, July 24

We explored the community of Cua Lo that surrounds the harbor. Within a few minutes, we had a crowd of curious locals following us. A few had things to sell us, but most were just anxious to gaze at the funny-looking foreigners. An ox-drawn cart joined our group and 35 locals. We became a parade.



A Vietnamese local drives an ox-drawn cart.

## Monday, July 30

The images of what happened here in Cambodia 30 years ago are difficult to put aside. Vivid memories of reports of atrocities and genocide flash back as we travel in a beautiful country with people who are some of the kindest, gentlest people anyone has ever met.



Orphan at a temple in Cambodia

## Monday, Aug. 13

I climbed those 96 stairs for one last time early this morning. I still paused at the top to pretend to tie my shoes so I could catch my breath. The pain was there today just like it was on my first day aboard the USNS Mercy. But, this time, the pain was more psychological than physical.

I functioned as a member of a highly skilled team that worked hard to get out the Pacific Partnership 2012 message. I found it isn't easy to tell good news. The efforts of a very talented and committed group of medical, dental, and engineering professionals were largely ignored by the U.S. media. That disappoints me, but it doesn't change how I feel about the experience. 📺



Dr. Wendel (center, right) with members of the Pacific Partnership 2012 team

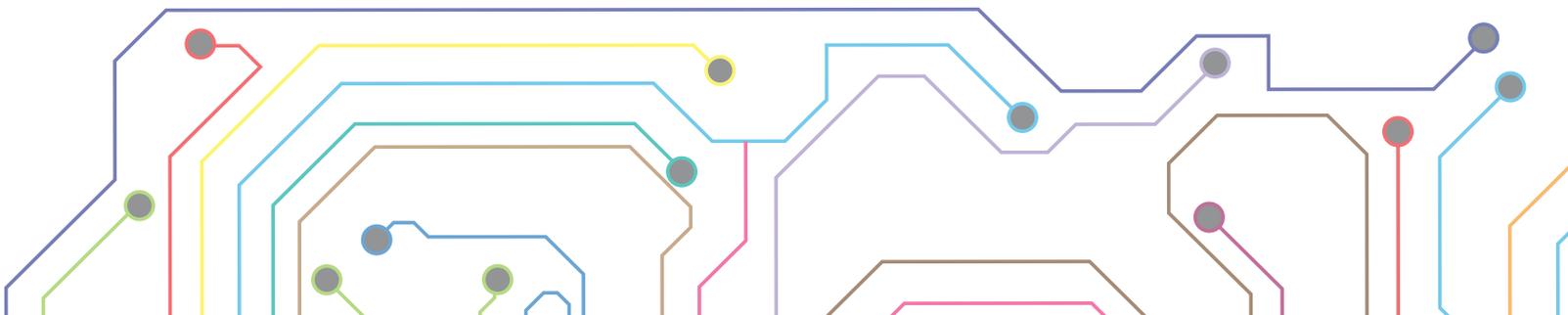
# Get ready, **get tech**, go!

By Lee Cashatt & Katie Thudium



Healthcare is spurred by the latest and greatest advances in technology. Instead of a manila folder and pen in hand, doctors use iPads to update patients' electronic medical records. Dentists help perform a root canal on a special needs patient from a thousand miles away via video telecommunications systems. Physical therapists use social media to keep patients informed and market their clinics.

At ATSU, countless tech tools are available to promote learning. With educational technology rapidly evolving, *Still Magazine* wondered which products and what software were making the biggest difference for students. After beta testing and analyzing the data, here are ATSU's top five ed-tech tools as named by *Still Magazine*.



# 5

## Google+



### *Social butterflies*

Many schools use Facebook and Twitter to connect with and attract prospective students for admission. These platforms are less often used to engage current students, but it seemed like a no-brainer for SHM to create an online social community.

“We wanted to create our own virtual campus because we are online and don’t have a campus people identify with,” says Katherine M. Adler, DHA, FACHE, on the strategy behind the School’s social media initiative. “We wanted to figure out a way to make our students feel like a part of more than just coming to class.”

SHM wanted to get to know its students better and connect them with faculty and alumni outside the classroom to build strong, lasting relationships. SHM primarily uses Google+, a social network of sorts, to start conversations. Here, admins at SHM promote special programs such as “Rockstar Fridays”—a weekly nomination and public acknowledgement forum for the entire University community.

Dr. Adler, who is SHM’s associate dean for academic success and assessment, feels that Google+ is helping students learn on a deeper level.

“I have noticed it’s easier for students to put a name with a face, so faculty and the student body become people. There’s a safer environment to share; it’s not so anonymous anymore because they know who they’re in class with, and they’re able to connect better and share more.”

Coming soon, SHM will add a text messaging component to their efforts. Students will receive quick reminders regarding class schedules and financial aid deadlines.

Still in its infancy, SHM sees huge potential with social media.

“The world is not as big as it used to be; it’s much easier to connect,” Dr. Adler says.

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**“There’s a safer environment to share; it’s not so anonymous anymore because they know who they’re in class with, and they’re able to connect better and share more.”**

**– Katherine M. Adler, DHA, FACHE, associate dean for academic success and assessment, SHM**

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# Human patient simulators

## Rise of the machines

Human patient simulators are ideal for gaining next-to-real life experience without the possibility of endangering patients. Thus, they are a standard in labs in the DO, dental, PA, and PT programs.

By the end of a KCOM student's second year they will have spent nearly 20 hours in the Daraban Patient Simulation Center, completing courses such as advanced cardiac life support and practicing skills such as intubation on the Laerdal SimMan® and SimMan® 3G.

"Gaumard Noelle® allows learners to participate in several delivery scenarios such as normal birth, breech delivery, shoulder dystocia, and C-section. Simbionix GI Mentor™ allows for various colonoscopy/bronchoscopy scenarios," explains David Patterson, MEd, director, simulation assessment, KCOM.

SimMan®, Harvey®, and SimBaby™ are similarly used at SOMA, where students work with them for 20 hours in their first year.

At ASDOH, rows of mannequin heads line the dental lab. LED screens are mounted next to KaVo dental simulation units with electric hand pieces.

"Simulated patients give students a better experience because they learn without negative consequences," says Klud Razoky, BDS, assistant dean, ASDOH. "They practice the same kinds of procedures they would encounter in a clinic."

Physical therapy students at ASHS train using HPSs as well. According to PT Assistant Professor John Heick, PT, DPT, OCS, the learning environment simulates that of an emergency department.

"SimMan® patients can mimic breathing problems or cardiac dysrhythmias and can be voice controlled by a PT from a separate room," says Dr. Heick. "Patient interactions can be recorded for students to watch back with the professor to receive feedback."

Dr. Heick says sims provide an ideal learning experience because he can comment on all aspects of the patient interaction and on students' clinical decisions as it's replayed.

The Physician Assistant program is taking an interprofessional approach. Nursing students from Grand Canyon University, together with PA students, are working clinical scenarios with SimMan®.

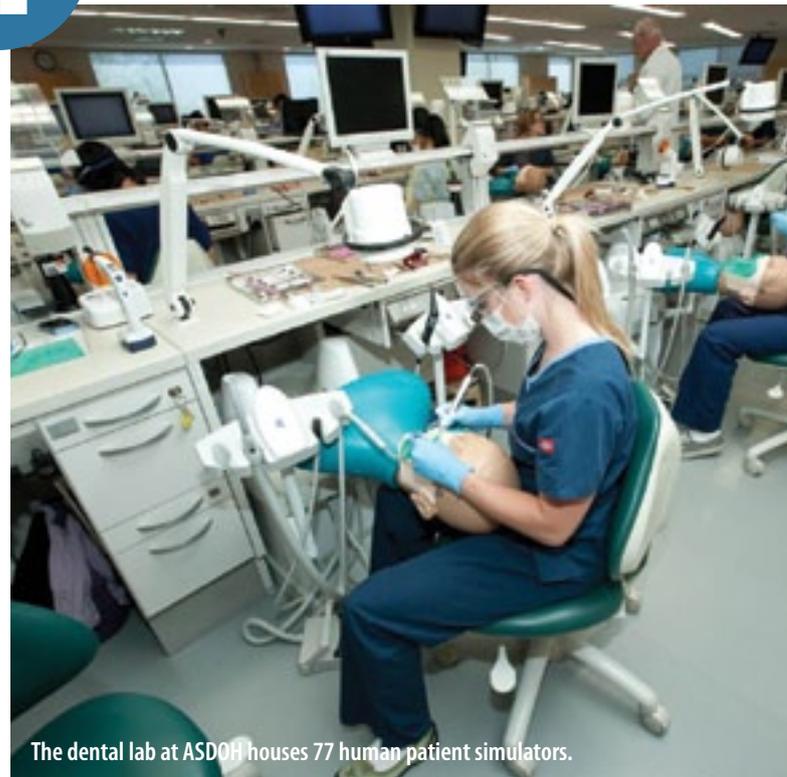
"Bringing students together from different programs allows them to get an early start on coordinating patient care as a collaborative healthcare team," explains Ian McLeod, PA-C, ATC, assistant professor, physician assistant studies.

While the patients are simulated, the experience gained is real. Our students are no dummies: Many studies show students engaged in medical simulation training have higher test scores and greater retention rates than those receiving more traditional training.

Students work with a SimMan® patient in the PA program.



4



The dental lab at ASDOH houses 77 human patient simulators.



Photo credit: Monica Fernandez



## Virtual CAD/CAM technology

3

*The quicker fixer*

Using virtual CAD/CAM technology, dental students are learning efficient techniques and processes that will make a lasting impression on patients. CAD/CAM technology, short for computer-aided design and computer-aided manufacturing technology, allows students to produce in-office fabricated dental restorations such as crowns, inlays, and onlays.

Conventional methods of restorations include creating an impression of the teeth, sending the impression to an off-site lab, waiting weeks to receive the restoration, and the patient returning to the clinic for it to be bonded or cemented in place. With CAD/CAM, restorations can now be completed in-house within one day.

“Ideally, students can make a restoration in one visit,” Dr. Razoky says. “They make a digital image of the tooth, virtually design the restoration, send the design to an on-site milling unit, and then bond it in place in the same visit—saving time and money.”

Since CAD/CAM is used in many clinics today, ASDOH integrated the technology into its curriculum to better prepare students for the dental field. Students use the technology beginning in their second year, during their third and fourth years on live patients with faculty supervision, and also in outreach programs such as mobile clinics.

“While some people pay for special courses with this technology, we have it integrated into our curriculum,” says Dr. Razoky. “We graduate dental students with a better understanding of current technology.”

When designing a CAD/CAM restoration, work is magnified in 3-D. This allows students to critically evaluate their work and provides excellent hands-on teaching opportunities.



# Medical gaming



Game on

Students may have short attention spans, but a range of medical gaming options at ATSU has even the most passive students actively participating in the classroom. A 2010 study by BMC Medical Education found 96 percent of medical students polled felt education should make better use of new media technologies. Consistent efforts are being made to integrate gaming into curricula, including the use of audience response systems, apps for smartphones and tablets, virtual patient simulation, and customizable game boards.

An audience response system is a combination of handheld remote devices (clickers), receivers, and software that allows students to send their responses to classroom activities to a computer. Depending on the application, students can respond individually or in teams with multiple choice, true/false, yes/no, and short essay answers. Responses are shared immediately.

“Decades of data suggest students who engage interactively learn concepts better, retain them longer, and can transfer information to other settings more effectively than passive learners,” says Robin Pettit, PhD, professor, SOMA.

Dr. Pettit uses ARS for PowerPoint presentations and computer game shows. She intersperses presentations with clicker interaction every 7-10 minutes, often in a competition format. This includes icebreakers, funny “wake up” slides with material-related questions, image challenge slides, opinion polls, and practice quizzes. She believes this interaction focuses students’ attention, connects previous and new knowledge, and motivates learning.

Dr. Pettit says, “The quick feedback obtained with ARS provides information that can be used by both the instructor and the student; for example, it may demonstrate gaps in knowledge the instructor can immediately address.”

ARS has also proved beneficial to the PA program. Assistant Professor Monica Fernandez, MMS, PA-C, has been using clicker questions and electronic games in both her pharmacology and medical Spanish courses for nearly three years.

“Not only do they help me gauge the class’ understanding of the material, but they also tend to be one of the students’ favorite aspects of the lectures,” Fernandez says.

“I love clicker questions,” says Kristen Gacka, first-year PA student. “It makes learning the material fun and motivates me to study more often.”

“We are using technology not only to be more efficient and effective, but also to engage students,” says PA Program Chair Albert Simon, DHSc, PA-C. “Technology can be a powerful facilitator in assisting students to have a greater role in their own learning.”

Apps for handhelds are another innovative gaming tool. SOMA and Medical Joyworks are evolving its No. 1 medical app Prognosis to align with SOMA’s unique clinical presentation



Kristen Gacka, PA, '14, takes the clicker competition seriously.

Photo credit: Monica Fernandez

model. The renovated app is nearing completion and will be implemented in third- and fourth-year curriculum.

Using Prognosis, students will be presented with simulated patient encounters and asked to evaluate and treat the patient. Students must correctly order labs, interpret diagnostics, and evaluate physical findings to receive more information and a reward token. If they enter incorrect information, the game informs them of their error, provides background information, and allows them to make different choices. Students continue with the clinical presentation until correct answers are entered.

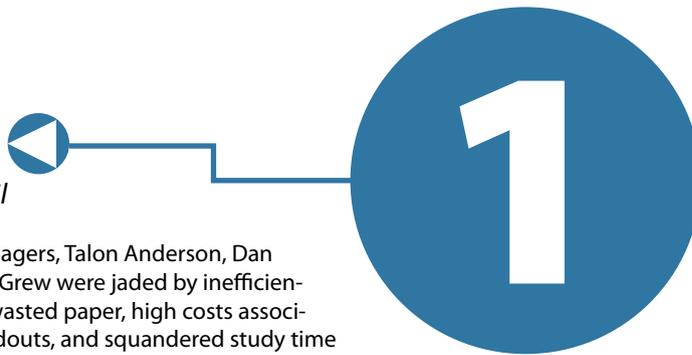
Another gaming platform is virtual patient simulation. Complex clinical presentation schemes help students develop higher-level decision-making and reasoning skills. Using DecisionSim at SOMA, first-year students are honing these important skills and can safely practice the application of clinical knowledge.

“Even wrong answers become teaching moments,” says Noel Carrasco, MD, professor.

Dr. Carrasco is part of a large team of educators at SOMA who are developing games as learning tools, which also includes customizable game boards and TV show spin-offs. Using products like Bravo! by C3 SoftWorks, professors design interactive games that directly correlate to curriculum.

# iPads

*Goodbye, paper trail*



KCOM students Kevin Sagers, Talon Anderson, Dan Hilton, and Micheal McGrew were jaded by inefficiencies in the classroom: wasted paper, high costs associated with printing handouts, and squandered study time searching through notes. Knowing students had a better option, the group did their homework and found iPads could have a dramatic impact on students and the University.

Thanks to their grassroots effort and a pilot project conducted the previous year, all first-year students received new iPads to use in their coursework this past fall. Strongly supported by ITS and administration, the iPad initiative provides many benefits to students, who report feeling more organized and say studying is more convenient. Plus, iPads are reducing printing costs and ATSU's carbon footprint.

KCOM is joining the likes of Stanford, Harvard, Brown, Ohio State, and University of California, Irvine—prestigious universities also providing iPads for coursework.

"They are in the same phases we are as to rolling these out," says Hilton, a third-year student and anatomy fellow. "It's been eye-opening and refreshing to see KCOM on the leading edge of this movement."

Smaller and lighter than a traditional laptop, iPads are also more functional. With a longer battery life, students use them all day without stopping to recharge. And, the variety of apps allow for greater efficiency and accessibility.

"Using note-taking devices, students can annotate, highlight, and embed YouTube videos right next to their notes," says Hilton. "It's almost like 3-D versus 2-D learning."

Perhaps the greatest long-term benefit is preparing students to become physicians of the future. As technology and medicine

become more integrated, many physicians are now taking iPads to patients' bedsides where they can pull up electronic medical records, X-rays, and charts; explain procedures and symptoms to patients; and complete charts before leaving the room.

"Students will be able to go into hospitals and serve patients better because they have an understanding of the technology that's being used and how to use it for the benefit of the patient," says Anderson, a biomed student.

Students aren't the only ones going paperless. iPads are also clicking with professors.

"iPads allow for a potentially deeper collaboration between professors and students," says Sagers, OMS II. "The possibilities are endless."

The ease of sharing materials allows professors to read through a research paper or presentation, highlight key points, make annotations, and send it to the class with just two clicks.

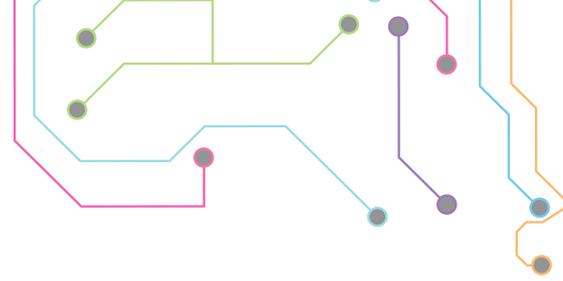
Professors are also using iLectures to record their screen and voice as they go through a lecture, highlight, and point to pictures. The iLecture is uploaded to Blackboard Mobile Learn for students to access with their iPads.

As for the price tag, students won't fall off the fiscal cliff. Equipment costs were reworked to include the cost of the iPads, so students pay no additional fees. The University won't be taking a dive either, as the iPad implementation is expected to create a cost savings of approximately \$80,000-\$100,000 per graduating class.



KCOM's class of 2016 is the first to use University-provided iPads for coursework.






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**“All technology has a niche. There is no one thing that is the end-all, be-all. The challenge can be getting all these technologies to work together.”**

**– Bryan Krusniak, BSE, MBA,  
ITS assistant vice president**

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### **Working smarter, not harder**

As technology and healthcare education continue to intertwine, it can be a challenge to recognize what products and software to which students at ATSU should be exposed.

“All technology has a niche. There is no one thing that is the end-all, be-all,” says Information Technology & Services Assistant Vice President Bryan Krusniak, BSE, MBA.

It can also be a challenge to balance the use of technology with human interaction, which is vital to healthcare delivery and was the basis on which ATSU was founded. In a time when even a phone call seems overburdened in company with text messaging and email, it’s easy to fall victim to the mindset that less face time is better time management.

Nonetheless, a wise use of technology in the classroom, like those in our top five list, leads to a well-prepared generation of healthcare providers who work smarter, not harder.

Now that’s something to tech about. [↗](#)



## **+ More notable tech tools at ATSU**

### **Scopia**

With LifeSize Scopia, students receive live, synchronous instruction at individual sites, promoting a collaborative learning environment—up to 22 sites or 66 desktops at once. It is private and recordable, and users can share computer screens to view presentations, documents, and data while simultaneously viewing the group.

### **E\*Value**

Using the cloud-based system E\*Value, third- and fourth-year medical students on rotation can log information, such as evaluations and diagnoses, through their smartphones or tablets. The data syncs with E\*Value’s web interface, and faculty are able to review and assess the quality of student rotations. The system also keeps a lifetime portfolio of information that students can access and update after graduation.

### **Portable ultrasounds**

This technology allows students to diagnose a wide range of conditions at the bedside. Highly integrated in KCOM anatomy labs, by the time the course is complete, students will have used it on almost every part of the human body—giving them a leg-up on clinical knowledge.

### **ExamSoft**

A computer-based testing software, ExamSoft enables faculty to more efficiently and practically administer exams and analyze resulting data. Questions and exams are centralized in a cloud-based, collaborative tool with a detailed history for each question, allowing faculty to make data-based decisions when creating exams. ExamSoft aggregates the results, scores objective-based questions instantly, and creates detailed student and faculty reports that break down performance by each exam, class, and student.



# Connections

## Celebrating commencement

*ASHS holds spring graduation ceremony*

ASHS held its spring commencement ceremony for six online programs March 2 at Gammage Auditorium in Tempe, Ariz. Graduates received degrees in human movement, occupational therapy, advanced physician assistant studies, audiology, doctor of health sciences, and physical therapy.

Rear Admiral (Ret.) Michael R. Milner, DHSc, PA-C, former U.S. assistant surgeon general, delivered the keynote address and received a doctor of humane letters degree. In his address, Dr. Milner, who serves as dean and professor at Massachusetts College of Pharmacy and Health Sciences' School of Physician Assistant Studies, indicated his appreciation for the work in store for graduates, listing four important tenants in making a difference in the healthcare of this country: leadership, service, integrity, and excellence.

"Dr. Milner's comments were right on target," said ASHS Dean Randy Danielsen, PhD, PA-C, DFAAPA. "Our graduates are situated to make a difference in the healthcare future of our country through inspiration, dedication to their profession, and loyalty."

**More than 160 students earned a master of science or doctoral degree.**

# Reunion round-up

## Human Movement Alumni Reception

July 31, 2012

Tracy Hultgren, MS, '08; Linda Miller, MS, '08; and Todd Dattoli, MS, '11, at a reception held in conjunction with the Human Movement Institute in Gilbert, Ariz.



## ASDOH Alumni Reception

Oct. 20, 2012

Elizabeth Magallanes, DMD, '09; Charmaine Ng, DMD, '09; and Katie Egbert, DMD, '09, at a reception held during the ADA Annual Session in San Francisco



## ATSU Alumni & Friends Reception

Oct. 9, 2012

Grace Fong, DO, '05, and Bridgett Bailey, DO, '03, at a reception held in conjunction with American Osteopathic Association's 2012 OMED Conference in San Diego



## Founder's Day Alumni Reunions

Oct. 26, 2012



The KCOM class of 1962 receives Gold Medallions in honor of 50 years of dedicated service (left), and the KCOM class of 1987 receives Silver Pins in honor of 25 years of dedicated service.

## KOAA Annual Luncheon and Assembly Meeting

Oct. 9, 2012

Howard S. Levine, DO, '87; Orin B. Mock, PhD; and Jeffrey Suzewits, DO, '88, associate dean, clinical educational affairs, at the luncheon and meeting held in conjunction with AOA's 2012 OMED Conference in San Diego



## Audiology Alumni Reception

Nov. 9, 2012

Stephanie Watson, AuD, '09; Jennifer Gadoua, AuD, '08; Tasha Strickland, AuD, '08; Lauren Hadden, AuD, '08; and Troy Hale, AuD, at a reception held in conjunction with the ADA Convention in Phoenix



## Physical Therapy Alumni Reception

Oct. 11, 2012

Noel McCluney, DPT, '06, and Deanne Fay, DPT, '07, meet new program chair Jim Farris, PT, PhD, (not pictured) at a reception held in conjunction with the APTA-AZ Fall State Meeting in Tempe, Ariz.



## Physical Therapy Alumni Reception

Jan. 23

Jodan Garcia, DPT, '09; Florante Noble, DPT, '10; Ernesto Tenedor Jr., DPT, '11; Aiman Eltahir, DPT, '14; and Amie Flores, DPT, adjunct faculty, at a reception held during the APTA Combined Sections Meeting in San Diego



Check out our alumni Facebook page at [www.facebook.com/atsu.alumni](http://www.facebook.com/atsu.alumni) for more event photos and updates and like us while you're there!

## Occupational Therapy Alumni Reception

Jan. 30

Vanessa McCarthy, MS, OTR/L, '10, and Samantha Singler, MS, OTR/L, '10. ASHS OT alumni join Dean Randy Danielsen, PhD, PA-C, DFAAPA, and Bernadette Mineo, PhD, OTR/L, chair, occupational therapy, in honoring Assistant Chair Chris Griffin, PhD, OTR/L.



## Athletic Training Alumni Event

Mar. 3



Athletic Training Director John Parsons, PhD, AT/L; Jennifer Landgrebe, MS, ATC, '02; Lisa Ruiz-Gonzales, MS, ATC, '03; and Emmett Gonzales at a Chicago Cubs spring training game in Mesa, Ariz.

## Doctor of Health Sciences Alumni Reception

Feb. 4

PaulChris Okpala, DHSc, '10; Tom DiDonna, DHSc, '10; and PeterChris Okpala, DHSc, '10, at the DHSc Winter Institute in Gilbert, Ariz., where Dr. DiDonna was presented with the Humanitarian of the Year alumni award.



## Physician Assistant Alumni Reception

Mar. 8



Chris Davis, PA-C, '06; Jeff Pulley, PA-C, '09; Sarah Scoville, MS, ATC, '09; and Jenna Hilton, PA-C, '09, at a reception held in conjunction with the ASAPA Conference in Sedona, Ariz.

## ASDOH Alumni Reception

Feb. 15

ASDOH alumni join ATSU President Craig Phelps, DO, '84; the ATSU Board of Trustees; the ASDOH Alumni Chapter Board; and ASDOH leadership on the Arizona campus for a reunion honoring the ASDOH class of 2008.



# Upcoming alumni events

Visit [www.atsu.edu/alumni](http://www.atsu.edu/alumni) for current event information, or contact [alumni@atsu.edu](mailto:alumni@atsu.edu) to learn more. Registration for conferences is not required for attending alumni events.



OCT  
4

**PT Alumni Reception**  
Arizona campus

NOV  
2

**ASDOH Alumni Reception**  
New Orleans, La.

## 1930s

**Doran A. Farnum, DO, '36**, San Juan Capistrano, Calif., celebrated his 100th birthday Nov. 6, 2012. He also was featured in *The Orange County Register* in the article "Nearing 100, doctor is still in," which highlighted his long, successful career. ATSU honored him with a birthday surprise at its Missouri campus Founder's Day event in October.



## 1950s

**Kenneth E. Murray, DO, '58**, was the guest of honor at a ceremony held Oct. 20, 2012, for the 1959 intern class of Lansing General Hospital. The ceremony celebrated the opening of the Lansing General time capsule, a secret locked away for the past 54 years.

## 1960s

**Sheldon Sirota, DO, FACOS, '62**, was awarded the President's Citation at the American Osteopathic Association's House of Delegates meeting in Chicago.

The American Osteopathic Association selected **David W. Smith, DO, '62**, as one of its Great Pioneers in Osteopathic Medicine. Part of its Greatness Campaign, the AOA recognizes members who have made pioneering differences in the profession. Dr. Smith and other members of the Great Pioneer



Dr. Smith

class of 2012 were inducted July 20, 2012.

Dr. Smith's accomplishments include being the first to complete total joint implants in Stark County, Ohio, founding the first bone bank there, and installing the first clean air system necessary for the performance of joint replacement surgery. He also developed surgical patents for cervical spine arthrodesis instrumentation. Dr. Smith served as co-editor of *The Orthopod* and co-authored "History of the AOA and its Contributions to the Osteopathic Profession" (2009).

Dr. Smith has been a member of the American Osteopathic Academy of Orthopedics, American College of Osteopathic Surgeons, Ohio Osteopathic Association, and American College of Osteopathic Surgeons.

**Thomas P.J. McGraw, DO, '64**, York, Pa., retired in May 2012.

## Photo archive



Photo credit: Donor: American Osteopathic Association [1985.1003.04]

American School of Osteopathy football team during a game versus Notre Dame in 1903. Pictured in the backfield (l-r): Carol D. Clapp, Q. Roberts, R.H. Crowley, and L.H. McMains; coached by Patrick O'Dea

At 80 years old, **Arthur C. Schenck, DO, '65**, Erie, Pa., enjoys boating and golf and says he takes great pride in being a DO.

**Garry A. Clark, DO, '68**, joined Siouxland Adult Medicine. Dr. Clark has been in private medical practice in Siouxland for more than 20 years. He also continues his roles as medical director and consulting physician for Multi-Care Physicians Group, as well as his role as center physician for Bio-Life Plasma Center.

Previously, Dr. Clark was a physician for Sergeant Bluff Family Medicine. His experience also includes Concentra Medical Clinics in Dallas, Texas, and Tucson, Ariz. He is board certified and recently recertified in family practice.

**W. Hadley Hoyt, III, DO, '68**, Osage Beach, Mo., joined JCMG, providing otolaryngology care throughout mid-Missouri. Dr. Hoyt originally was a family physician before leaving for a residency in otorhinolaryngology/surgery of the head and neck at Kirksville Osteopathic Health Center. He was an ENT physician in Des Moines, Iowa, for 15 years and relocated in 1999 to the Lake of the Ozarks where he has since been in practice.

### 1970s



**John E. Bodell, DO, '71**, Grosse Ile, Mich., was elected to serve another term on the American Osteopathic Association (AOA) board of trustees during its annual business meeting in Chicago.

Dr. Bodell, an AOA board certified surgeon, recently served on the AOA's Committee on Professional Publications and

as vice chair of the Bureau of Communications. He is a fellow of the American College of Osteopathic Surgeons and the American Academy of Cosmetic Surgery. He served as past president of the Michigan Osteopathic Association (MOA), representing MOA at the AOA House of Delegates since 1987. Previously, Dr. Bodell served on the AOA's Hospice and Palliative Care Committee. He also is a graduate of the AOA's Health Policy Fellowship.

Dr. Bodell has been the recipient of many honors and awards, including the American College of Surgeons Humanitarian Award and the Henry Ford/Wyandotte General Hospital Humanitarian Award, both in 2005. A past president of the Trenton Rotary Club, Dr. Bodell is a nine-time Paul Harris Fellow of Rotary International—an honor given to people who have donated \$1,000 to annual programs or had the amount donated in their name. He also received a humanitarian award from Rotary International.



**Stanley E. Grogg, DO, FACOP, FAAP, '71**, ATSU Board of Trustees member, was named the 2013 Physician of the Year by the Osteopathic Founders Foundation at a Feb. 23 ceremony in Tulsa, Okla. The award is presented annually to an osteopathic physician who has demonstrated extraordinary service to his or her patients, to the education of future physicians, to the profession, and to the Northeast Oklahoma community.

Dr. Grogg is associate dean of clinical research and medical director of service learning at Oklahoma State University Center for Health Sciences, College of Osteopathic Medicine.

Emily L. Snyder, daughter of **Donald E. Snyder Jr., DO, '72**, and granddaughter of Donald E. Snyder Sr., DO, married Chad Laidlaw on July 28, 2012, in Novi, Mich.

**Michael K. Murphy, DO, '73**, director of medical education at the Bluefield (W.Va.) Regional Medical Center (BRMC), was re-elected to the American Osteopathic Association's (AOA) board of trustees during their Annual Meeting of the House of Delegates in Chicago.

Dr. Murphy is an AOA board certified family physician who also serves as an assistant regional dean and clinical professor of primary care for the Edward Via College of Osteopathic Medicine (VCOM-Virginia) in Blacksburg.

Following a distinguished 30-year career in the U.S. Navy, from which he retired as a captain in the Navy's medical corps in 1999, Dr. Murphy served as dean of Des Moines (Iowa) University-College of Osteopathic Medicine. Before taking his posts at BRMC and VCOM, Dr. Murphy served as professor of family medicine, associate dean for postgraduate training, and associate dean for clinical sciences at what is now the University of Pikeville-Kentucky College of Osteopathic Medicine and went on to become the vice president and founding dean for the William Carey University-College of Osteopathic Medicine in Hattiesburg, Miss.

A member of the AOA since 1969, Dr. Murphy served as first vice president, second vice president, and as an AOA trustee (1991-99 and 2006-present). Throughout his career he also served as a military represen-

tative in the AOA's House of Delegates and chaired various AOA committees and task forces. He is also the AOA's liaison to the national Joining Forces Initiative.



Since retiring from ATSU as dean of KCOM, **Philip C. Slocum, DO, '76**, has been a senior consultant for the Academy for Academic Leadership, an adjunct professor of medicine at Touro University, and has continued research on tuberculosis, which has resulted in three publications and an invitation to present findings at an international conference in China.

**Keith N. Marshall, DO, FACOS, '79**, bariatric surgeon, Michigan Institute of Bariatric Surgery, Warren, Mich., is a member of the LocateADoc Medical Advisory Board. Dr. Marshall is a member of the American College of Osteopathic Surgery, American Osteopathic Board of Surgery, American College Osteopathic Surgeons, International Society of Bariatric Surgeons, Society of American Gastro-Endoscopic Surgeons, and the Michigan Bariatric Surgery Consortium.



**Toni R. Patterson, DO, '79**, was named president of the American Osteopathic College of Anesthesiologists for 2012-13. Prior to her election, Dr. Patterson served as a member of its board of governors for seven years and as chair of the committee responsible for evaluating residency programs and residents. Dr. Patterson serves as staff physician for Physician Anesthesia Services in Ballwin, Mo.

## 1980s

**Jeffrey L. Dryden, DO, '82**, West Plains, Mo., joined the medical staff at Ozarks Medical Center as medical director of the organization's hospitalist team. Dr. Dryden has been a physician in that area for more than 20 years. He most recently practiced at Southern Missouri Community Health Center in West Plains where he served as medical director for seven years. Prior to that, he was a physician with Ozarks Medical Center (1990-2005), practicing at the Urgent Care/Internal Medicine Clinic and serving as medical director and vice president of medical affairs.

**Tabb D. McCluskey, DO, '86**, celebrated 25 years of practicing medicine in Hendricks, Minn., and the surrounding areas of Ivanhoe and White, S.D., in August 2012.

**Joe K. Gregory, DO, '87**, was named associate medical director for the Butte, Mont., branch of Frontier Home Health and Hospice. Dr. Gregory earned an undergraduate degree from the University of Arizona and attended KCOM. He completed his residency at University Medical Center in Las Vegas, where he provided inpatient and outpatient care and managed ICU and CCU patients.

The International Association of Healthcare Professionals selected **Milton A. Padgett, DO, '87**, to represent internal medicine in their publication, *The Leading Physicians of the World*. Dr. Padgett works at Kairos Health Solutions, Madison, Ala. Dr. Padgett has been practicing since 1994 and relocated

to Alabama from New York City. He strives to create an innovative lifestyle approach and treatments for his patients, particularly those suffering from diabetes, arthritis, and hypertension.

**Richard B. Wallace, DO, '87**, Winfield, Kan., general psychiatrist, now practices at the Counseling and Mediation Center Inc. His practice consists of the medical management of individuals in all ranges of emotional, mental, or psychiatric disorders.

Dr. Wallace has been a psychiatrist for more than 20 years. He was medical director/psychiatrist for Cowley County Mental Health and Counseling Center for 15 years (1997-2012).

**Robert K. McCann, DO, JD, '88**, ran for the Florida House of Representatives, District 73. A physician and attorney, Dr. McCann received his undergraduate associate of science in biology from Northern Illinois University (1983), DO from KCOM, and doctor of jurisprudence with honors from Florida Coastal Law (1999). He is a native of Chicago and served in the U.S. Navy (1975-79).

He is a member of the National Republican Lawyers Association, the American Bar Association, the American Bar Association's Health Law Section, and the Federalist Society. Dr. McCann owns and operates McCann Medicine & Law, PA, where he provides medical care and legal services.

**James C. Meyer, DO, FACOI, FCCP, '88**, was named medical director of Trinity Hos-

pice. He also is medical director of respiratory care and sleep disorders at Trinity Regional Medical Center in Fort Dodge, Iowa, where he lives with his wife, Ann, and son, Jacob.

He continues to serve on the Trimark Physicians Group and Trinity Health System boards of directors. He practices pulmonology and sleep medicine and is an adjunct associate professor of pulmonary medicine at Des Moines University.

### 1990s

**John D. Bailey, DO, '90**, Kirksville, Mo., an orthopaedic physician, has been inducted into the Missouri Sports Hall of Fame. Dr. Bailey was honored for his contributions to sports medicine and for his role as Truman State University's team physician. He practices with Mid-America Orthopedic and Spine.

**Matt Halverson, DO, '92**, currently serving as chief of staff of Riverside Regional Medical Center in Newport News, Va., was named a Hampton Roads Top Family Doctor for the third year in a row. Dr. Halverson is also serving his third three-year term on KCOM's alumni board.

**Melissa M. Rodgers, DO, '92**, joined CoxHealth Adult and Pediatric Urgent Care. Dr. Rodgers completed her residency in pediatrics at Kansas University Medical Center in Kansas City, Kan., and completed a fellowship in pediatric critical care at Lutheran General Hospital in Illinois. She is board certified in pediatrics and pediatric critical care.

**Michael J. Sampson, DO, '92, FAOASM**, has served as ring-side physician for WWE (World Wrestling Entertainment) since March 2009. He travels worldwide with the talent 52 weeks per year and can be seen Mondays and Fridays on RAW and SMACKDOWN TV. Dr. Sampson says he uses all his osteopathic family medicine and sports medicine training in his job.

When not traveling, he serves as associate professor of family/sports medicine at Philadelphia College of Osteopathic Medicine's Georgia campus.

**Mark DeSantis, DO, '93**, received a second U.S. patent on a nanocarbon cancer therapy and had an abstract accepted on prostate cancer research at the Society of Interventional Radiology.

**Mary J. Misischia, DO, '94**, joined the Albert J. and Judith A. Dunlap Cancer Center at Mayo Clinic Health System in Eau Claire, Wis. Dr. Misischia previously worked for Thompson Oncology Group in Oak Ridge, Tenn., as well as operated private practices in Alabama and Missouri. She is board certified in internal medicine and medical oncology.

**Richard J. Misischia, '93**, joined Mayo Clinic Health System in Eau Claire, Wis. Dr. Misischia previously worked for Rheumatology Consultants in Knoxville, Tenn., and operated private practices in Alabama and Missouri. He is board certified in rheumatology.



**Suzanne Steinbaum, DO, '94**, was featured as a women's health expert in a story on binge drinking on "NBC Nightly News with Brian Williams" on Jan. 8. In February, she released her newest book "Dr. Suzanne Steinbaum's Heart Book: Every Woman's Guide to a Heart Healthy Life – Reduce the Effects of Stress, Promote Heart Health and Restore the Balance in Your Life."

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**Anna M. Lamb, DO, '96, FA-COFP**, Batavia, N.Y., was elected president of New York State Osteopathic Medical Society on March 2, 2012. Dr. Lamb owns and operates Lamb Family Medicine in Batavia where she also serves as medical staff president at United Memorial Medical Center.

Dr. Lamb was awarded a fellow designation by the American College of Osteopathic Family Physicians (ACOFP) in 2009. She also belongs to the New York State ACOFP, the American Academy of Osteopathy, the American Osteopathic Association, and the Cranial Academy.

Dr. Lamb is actively involved in her community. She is a member of the Batavia Rotary Club, Zonta Club, and concert band. She is also a member of the Genesee County CASA for Children Board.



**Kate Lichtenberg, DO, '97, MPH, FAAFP**, Kirkwood, Mo., was installed as the 64th president of the Missouri Academy of Family Physicians (MAFP) during its annual meeting in Lake Ozark, Mo., on June 23, 2012. Dr. Lichtenberg practices in southwest St. Louis County and has been a member of MAFP since 1997. **Christopher R. Spinelli, DO, '99**, joined Ozarks Community Health Center as a pediatrician at the OCH Northside Clinic.

**Salma S. Syed, DO, '99**, joined the Brody School of Medicine at East Carolina University and its group medical practice, ECU Physicians. Dr. Syed, an infectious disease specialist, joined the Department of Pediatrics as clinical assistant professor. She completed residency

training in pediatrics at William Beaumont Hospital in Royal Oak, Mich., and a fellowship in pediatric infectious diseases at the University of Michigan.

Dr. Syed's clinical interests are the evaluation and management of immune deficiencies, travel medicine, and international adoptee evaluation. She is board certified in pediatrics and infectious diseases. She also has started a pediatric travel medicine clinic and pediatric primary immunodeficiency clinic.

### 2000s

The Academy of Doctors of Audiology (ADA) elected **Nancy N. Green, AuD, '00**, president for the 2013 program year. She took office in November 2012 during the Annual ADA Member Business Meeting, which was held in conjunction with the ADA Annual Convention in Phoenix, Ariz.

"ADA is the only national organization that is wholly committed to providing resources that serve audiologists in autonomous practice," said Dr. Green. "I am honored to serve as ADA's president, and I look forward to working with the ADA board of directors to advance educational and advocacy initiatives that will best serve ADA members and their patients."

Dr. Green practiced as an industrial audiologist in Jacksonville, Fla., for 30 years and now works exclusively as a consultant in industrial audiology and employee training. She has provided both clinical and industrial hearing loss prevention program training and noise analysis consultations to consumers and major industries in the Southeast

and the Caribbean. Dr. Green is board certified in audiology by the American Board of Audiology and as both a professional supervisor/audiometrics and course director by the Council for Accreditation in Occupational Hearing Conservation.

**Linda A. Burba, AuD, '01**, Glen Ellyn, Ill., and her husband and business partner, Richard Burba, MBA, received the fourth annual Audiology Foundation of America's David P. Goldstein, PhD, Outstanding Audiologist Award in October 2012. The award recognizes individuals who have made significant contributions to the profession by promoting its transformation to a doctoral profession and sets an example for future audiologists in providing quality patient care.

Dr. Burba is a private practitioner and has worked on licensure efforts in Illinois with the Illinois Academy of Audiology and served on the board of directors of the Academy of Doctors of Audiology.

The Iowa Chapter of the American College of Osteopathic Family Physicians elected **Kenneth Anderson, DO, '02**, to a two-year term as a trustee to the board at its annual conference and scientific seminar held in Des Moines. Dr. Anderson is in private practice at the Chariton Family Medical Center in Chariton, Iowa.

**Diane K. Hanks, DO, '02**, was named a partner of Asheville Anesthesia Associates PA. She joined the practice in 2009 and specializes in pediatric anesthesia.



**Marshall Chasin, AuD, '03**, is the 2012 recipient of the Queen Elizabeth II Diamond Jubilee Medal for Volunteer Services. The award was presented to Dr. Chasin by the governor general of Canada, Queen Elizabeth's Canadian representative, for his volunteer involvement with the National Youth Orchestra of Canada. Read more about Dr. Chasin on p.9.



**Brett R. DeGooyer, DO, '05**, received the Rising Star Award from the Northwest Osteopathic Medical Foundation at their annual gala in Portland, Ore., on March 2. The award recognizes physicians who have been in practice for less than 10 years and who have already made a mark by serving their patients compassionately, their community well, and their profession admirably.



**Kimberley Dotson, AuD, '05**, was awarded the Charles Holland Award for Excellence for her superior performance at Sonus Audiology Clinic Westside in King City, Ore. The award celebrates 50 premier audiology clinics worldwide that demonstrate exceptional performance in customer care, growth, productivity, teamwork, and innovation. Dr. Dotson and the clinic's patient care coordinator, Joyce Harms, received the only awards given in the United States.

Dr. Dotson has practiced as a licensed professional audiologist for more than 28 years, providing hearing healthcare services to thousands of patients. She has been chief audiologist at Sonus Westside's King City location since 1998 and has received Sonus'

## Inaugural awards honor ASHS alumni

Two ASHS alumni received inaugural awards in recognition of their contributions to their professions, communities, and alma mater.

The Distinguished Service Award was awarded to **Bethany Rogers, MS, ATC, '07**, for her work in bringing athletic training services to youth in inner-city schools. With the majority of youth not having access to athletic trainers, those dealing with sport-related injuries can often end up in a lifetime of inactivity, increasing the risk for obesity and related conditions. As CEO of the Student Athlete Foundation of Kansas (SAF-K), Rogers has helped provide this essential service to a population that already has limited access to healthcare. Her dedication to the underserved truly represents the lasting impact on society through professional and voluntary accomplishments that the Distinguished Service Award symbolizes.

"I am grateful to the faculty who nominated me and to the physicians, athletic trainers, and other staff I work with at SAF-K," said Rogers. "SAF-K is a great organization ... It has been a privilege to work for and help develop this organization, as well as to serve the athletes, coaches, and schools here in Kansas City, Kan."

**Tom DiDonna, DHSc, MSN, '10**, received the Humanitarian of the Year Award for his commitment to improving global health. His extensive volunteer experience with organizations such as Operation Smile and Helping Babies Breathe has earned him considerable admiration around the world. His passion for training other healthcare professionals has not only inspired them, but also has given them the advanced skills needed to improve and sustain the health of their own communities. The Humanitarian of the Year Award honors those who have demonstrated exceptional dedication, enthusiasm, and leadership through volunteer service.

"I am humbled at being chosen as the inaugural recipient of the Humanitarian of the Year Award. I want to thank my wife, Barbara, for her support. I am hopeful [the award] will be the beginning of many years of recognizing worthy individuals who dedicate their time, resources, and heart to the mission of helping those less fortunate," said Dr. DiDonna, who also is an adjunct professor for the Doctor of Health Sciences program at ASHS.



Rogers



Dr. DiDonna (right)

Diamond Award for Excellence for seven consecutive years.



**Allen W. Rohe, AuD, FAAA, '05**, was a guest on the nationally syndicated CBS radio show "People of Distinction." The interview aired Aug. 3, 2012, and focused on his work in the Phoenix metro area with his practice, Tri-City Audiology; Ear Candy, a music charity focused on bringing music education to youth; and the American Tinnitus Association through the Arizona Walk to Silence Tinnitus.

**Kenneth Hamby, DO, '06**, was inducted into the Oklahoma City Community College Hall of Fame at a ceremony in November 2012. Dr. Hamby is the Indian health service medical officer and family physician at Pawnee Indian Health Clinic in Pawnee, Okla.

**Justin Markow, DO, '06**, Mineola, N.Y., is Wilmington Health's first oncologist/hematologist. Dr. Markow is trained in the diagnosis and treatment of various solid tumors and bone

marrow and blood disorders. He completed his residency training at Winthrop University Hospital, researching multiple myeloma, colon cancer, chemotherapy hypersensitivity, and immune thrombocytopenia.



**Justin D. Puckett, DO, '06**, Kirksville, Mo., medical director and founder, Complete Family Medicine, was elected president of the Missouri Society of the American College of Osteopathic Family Physicians in January. As president, Dr. Puckett serves as an advocate for the state's many osteopathic family physicians. He will also represent the state of Missouri at the Annual Convention and Scientific Seminars of the American College of Osteopathic Family Physicians in Las Vegas.

Dr. Puckett is also a board certified obesity medicine physician through the American Board of Obesity Medicine. He is the only board certified obesity medicine physician in the Kirksville area.

**Juliëtte Sterkens, AuD, '06**, Oshkosh, Wis., is the new hearing loop advocate for The Hearing Loss Association of America® (HLAA). Dr. Sterkens will collaborate with HLAA volunteers in the United States to further the organization's mission and increase awareness about hearing loss and the need for an increase in the use of hearing loops to improve hearing accessibility.

Dr. Sterkens is an audiologist in private practice and has led a successful hearing loop initiative in her community of Oshkosh and the Greater Fox Valley area of Wisconsin, which has resulted in nearly 200 hearing loop installations in the state.

**Adam P. Pentel, DO, '07**, joined Fremont Area Medical Center in Fremont, Neb., as a general surgeon with a special interest in laparoscopic hernia surgery. He completed his internship and residency in general surgery at Genesys Regional Medical Center in Grand Blanc, Mich., affiliated with Michigan State University's

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College of Osteopathic Medicine. He also holds a master of physical therapy from Clarke College in Dubuque, Iowa, and initially practiced as a licensed physical therapist.

**Ryan W. Burch, DO, '08,** joined the Emergency Services department at Providence Medical Center, Kansas City, Kan., as an emergency medicine physician. Dr. Burch completed his residency at Doctors Hospital Emergency Medicine Residency Program, Columbus, Ohio.

**David R. Dansie, DO, MGH, MHA, '08,** is a healthcare provider at Castle Rock Hospital District in Green River, Wyo.

**Nicholas A. Greiner, DO, '08,** Richmond Heights, Mo., is South County Family and Sports Medicine's new sports medicine specialist. Dr. Greiner completed his residency with the Department of Family and Community Medicine, University of Missouri in Columbia.

**Kelly D. Marrinan, AuD, '08,** joined St. Peter's Medical Group Ear, Nose, and Throat Clinic in Helena, Mont. Dr. Marrinan previously served as an audiologist for Montana Medical Audiology in Great Falls, Mont. She is a certified member of the American Speech-Language-Hearing Association, the American Academy of Audiology, and the Montana State Board of Speech Language Pathologists & Audiologists.

**Jonathan D. Richey, DO, '08, MPH, '08,** Prosper, Texas, is lead physician at Dermatology Specialists of McKinney at Bay-

lor Medical Center. Dr. Richey completed his dermatology residency through Michigan State University at McLaren Oakland Hospital in Pontiac, Mich.

**Abigail Mitchell, DHEd, MSN, RN, CNE, '09,** director of graduate nursing, D'Youville College, Buffalo, N.Y., passed the National League of Nursing Exam and has published numerous articles including "Understanding generational gaps to improve faculty-student relationships," *Teaching and Learning in Nursing* (July 2012); "Direct care nurses transitioning to clinical faculty," *Nursing 2012 Journal* with M. King-Jones; "Grade Inflation: A problem in Nursing?" *Creative Nursing* (2012) with M. King-Jones; "Vascular Study: RN's perception of graduate nurses' IV skills," *Vascular Access Journal of the Canadian Vascular Access Association* (2011) with T. Wilhelm; and "Nontraditional clinical hours for students offer many perks" *Nursing 2011 Journal* with J. Jennings and J. Castner.

**Nicole R. Summers, DO, '09,** is a healthcare provider at Castle Rock Hospital District in Green River, Wyo., specializing in family medicine.

### 2010s

**Rachel Madigan, DPT, '11,** Sacramento, Calif., is working for Interim Healthcare as a physical therapist.

**Jackie Price, DO, MBA, '11,** is chief resident at UMKC Family Medicine. In her new role she will facilitate communication between residents and faculty and oversee the function-

ing of the residents within the program. UMKC Family Medicine is one of the largest residency programs in the country with 42 residents and three fellowships in geriatric medicine, sports medicine, and surgical OB.



**Julie A. Shapiro, DO, '11,** received the Intern of the Year Award presented by the faculty of Huron Valley Sinai Hospital, the Detroit Medical Center, and Michigan State University-College of Osteopathic Medicine. The award was for her leadership, medical knowledge, commitment to patients, professional growth, and education. Dr. Shapiro also received a second award—the Gloria Belen Memorial Education Award. This award recognizes outstanding academic achievement.

Dr. Shapiro is currently starting her second year of residency in Internal Medicine at Huron Valley Sinai Hospital in Commerce Township, Mich. Upon completion of her residency, Dr. Shapiro plans to enter a fellowship program to specialize in infectious diseases.

**Carl Kochan, MS, '12,** (top) and **Javair Gillett, MS, '12,** were named head strength and conditioning coordinators for each team in the 2012 World Series. Kochan worked for the San Francisco Giants and Gillett for the Detroit Tigers.

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**Norman Gevitz, PhD**, has been named the University's new senior vice president - academic affairs, effective July 2013.

"Dr. Gevitz will be joining ATSU at a pivotal time in our history," said ATSU President Craig M. Phelps, DO, '84. "He brings tremendous depth and strength in all the right areas. He has had a distinguished career in health sciences teaching and scholarship, a long and proven track record of securing and sustaining funding, and years of outstanding academic leadership. Also, in true ATSU fashion, Dr. Gevitz has a deep and abiding commitment to community service."

Dr. Gevitz served as an educator, researcher, and leader for more than 30 years in both private and public institutions. He comes to ATSU from the New York Institute of Technology - College of Osteopathic Medicine where he served as professor of history and sociology of medicine and director of the Academic Medicine Scholars Program.

Prior to his time in New York, Dr. Gevitz served 12 years as chair of the department of social medicine at Ohio University Heritage College of Osteopathic Medicine. He held various academic administrative positions, including co-director of the undergraduate rehabilitation counseling degree program at the Illinois Institute of Technology and director of the medical humanities program at University of Illinois at Chicago College of Medicine.

Dr. Gevitz is the author of *The DOs: Osteopathic Medicine in America*, and he has extensively published results of his research in peer-reviewed journals focusing on the history and future of osteopathic medicine and the history of dentistry, pharmacy, and medical ethics. In addition, Dr. Gevitz has been involved in numerous grants, both public and private, including funding for research, health science training programs, and community service projects since 1983. For the last 15 years, he has served as faculty for the nationally known Health Policy Fellowship and

more recently as associate director of the program.

"As the chief academic officer for the University, Dr. Gevitz will continue to strengthen ATSU's growing academic programs and our unwavering commitment to excellence in all we do," Dr. Phelps continued. "I am abundantly confident Dr. Gevitz is prepared for this critically important leadership role, and I look forward to working with him in implementing ATSU's strategic plan, including key initiatives of interprofessional education, a center for teaching and learning excellence, and diversity."



Dr. Gevitz

Missouri Gov. Jay Nixon appointed **Christopher Halliday, DDS, MPH**, to serve on the board for the Missouri Higher Education Loan Authority. Dr. Halliday is a dental surgeon and dean of ATSU's Missouri School of Dentistry & Oral Health. He has also served as chief of staff for the U.S. surgeon general and chief dental officer for the U.S. Public Health Service. Dr. Halliday's term on the loan authority board ends Oct. 22, 2013.



Dr. Halliday

**Jason Haxton, MA**, director, Museum of Osteopathic Medicine<sup>SM</sup>, and wife **Lori Haxton, MA**, vice president, student affairs, attended the Hollywood premiere of "The Possession" starring Jeffrey Dean Morgan and Kyra Sedgwick and produced by Sam Raimi (director of "Spider-Man"). The August 2012 film was inspired by "The Dibbuk Box," a book authored by Jason (Truman State University Press, 2011). An artifact personally owned by Jason, the box is believed to hold supernatural powers that adversely affect those who possess it. Jason's book also inspired a one-hour episode of "Paranormal Witness" on Syfy.

ATSU President **Craig M. Phelps, DO, '84**, and wife Stacy also attended the premiere.



Haxton & Sedgwick

Together, **Lori Haxton, MA**, vice president, student affairs; **Ron Gaber, EdS**, dean emeritus of students and vice president emeritus of student affairs; and **Francis M. "Bucky" Walter, MA**, KCOM dean of students (1961-86), represent nearly 75 years of Student Affairs leadership.



Haxton, Gaber, Walter

**David Koenecke, DC, MEd**, assumed the role of assistant vice president for admissions on the Missouri campus. He is responsible for the staff and duties of the residential and online Admissions programs for both campuses.

Since 2006, Dr. Koenecke worked with residential and online Admissions on the Arizona campus and most recently served as assistant dean for academic progress for ASDOH.



Dr. Koenecke

**Richard LaBaere, DO**, is associate dean of postgraduate training/OPTI academic officer. Dr. LaBaere works solely on existing osteopathic graduate medical education programs and expansion to meet the continuing growth of the profession.

**Nathan Lefthand, BA**, is project coordinator for the National Center for American Indian Health Professions. Lefthand will provide many services for ATSU staff and students with a focus on traditional events and activities.

Lefthand is a member of the Navajo nation and a skilled artisan. He earned his master's degree in archeology and spent many years working with governmental organizations on cultural archeological digs to help locate and preserve indigenous and national heritage.

# faculty news



Lefthand

**Beth Poppre, MEd**, was promoted to associate vice president for student affairs. Poppre joined ATSU seven years ago and has been integral in universitizing Student Affairs and developing its impact on the Arizona campus. Poppre directly supervises Learning Resources, Student Wellness programs, and Student Affairs - Arizona. She is also an advisor to the University Student Association and Student Government Association - Arizona campus.



Poppre

**Tabitha Sawyer, AB**, coordinator, clinical education affairs, was nominated for Kirksville's 5 Under 40 Award, given by Kirksville Young Professionals (KVYP).

This is the second year KVYP has recognized professionals under age 40 for demonstrating professional growth and development in their career, as well as dedication to the community.



Sawyer

## ASDOH

**Julio Birman, MEd**, is assistant dean for academic success and director of ASDOH admissions. Birman came to ATSU from the Art Institute of Phoenix. He earned his MS from Universidad de Buenos Aires and a MEd from University of Phoenix. He has more than 22 years' international experience in post-secondary instruction/training. Birman holds degrees in English, digital media, communications, and adult education.

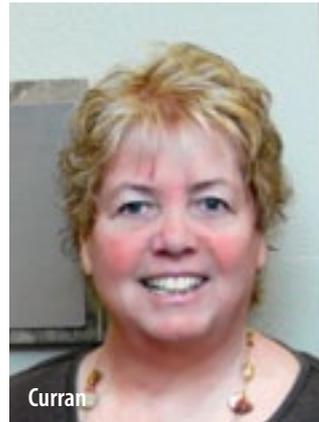
**Khanh Chu, DDS**, assistant professor and clinical care director, received the ATSU Above and Beyond Humanitarian Award. The award is given to an ATSU employee or student who demonstrates special caring, compassion, or support for another person or group. Dr. Chu was nominated by Hemali Rajyaguru, D3.

**Elizabeth Curran, DT, CDT**, assistant professor, director of dental laboratory technology, received the 2012 American College of Prosthodontists (ACP) Dental Technician Leadership Award at ACP's 42nd Annual Session, held Oct. 31-Nov. 3, 2012, in Baltimore, Md. The award is



Dr. Chu & Rajyaguru

presented to an individual who has demonstrated outstanding service to the prosthodontic community and has made contributions to the dental laboratory profession and the discipline of prosthodontics.

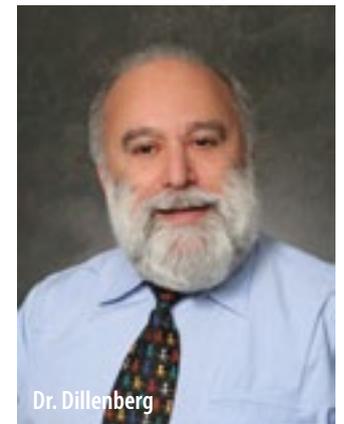


Curran

**Jack Dillenberg, DDS, MPH**, dean, was named East Valley Man of the Year by East Valley Fresh Start. The nonprofit organization highlights two people each year who have made a difference in the lives of East Valley women. Dr. Dillenberg was honored in November 2012 during "A Night of Heroes."

In February, Dr. Dillenberg also was elected board chair for the Center for Oral Health (COH) in California. Founded in 1985, COH is a nonprofit organization dedicated to promoting public oral health and has offices in Northern and Southern California.

In March, Dr. Dillenberg accepted the Outstanding Educational Program Award from the Association for Prevention Teaching and Research. The award honors an innovative program, department, or academic institution that advances prevention and public health education and furthers students' interest in population health.



Dr. Dillenberg

**Michelle Gross-Panico, DHSc, MA, RDH**, associate director, dentistry in the community, earned a DHSc degree with an emphasis in global health from Nova Southeastern University on Aug. 25, 2012.

Dr. Gross-Panico also presented "Alternative Practice to Meet Needs and Offer Career Opportunities" to a national audience at the American Dental Hygienists' Association Center for Lifelong Learning 89th Annual Session in June 2012. **Ann Spolarich, PhD, RDH**, adjunct professor, hosted Dr. Gross-Panico's presentation session.

**Germaine Hendon, MS**, is associate director of education. Prior to joining ATSU, Hendon was executive assistant to the CEO and director of presidential affairs at Gesu School in Philadelphia, Pa. She helped launch community outreach efforts, which included developing a formal mentoring and volunteer service program.



**Drs. Gross-Panico & Spolarich**

She also conducted independent research on education laws, policies and resources, and their effects on program services.

**Jae Hyun Park, DMD, MSD, MS, PhD**, director, Postgraduate Orthodontic program, was appointed as an editorial board member of *World Journal of Stomatology (WJS)*. WJS is a bi-monthly peer-reviewed, online, open-access journal supported by an editorial board consisting of 60 experts in dentistry from 22 countries. He was also appointed an editor for *Edorium Journal of Dentistry*. This journal covers clinical studies and experimental research in dentistry and related disciplines, including operative dentistry, biomaterials, periodontics, prosthodontics, pediatric dentistry, restorative dentistry, oral and maxillofacial surgery, and oral pathology.

Dr. Park published "Palatal bone thickness compared with cone-beam computed tomography in adolescents and adults for mini-implant placement" in the *American Journal of Orthodontics and Dentofacial Orthopedics (AJO-DO)*. The article was selected to be on the cover page of the August 2012 issue and was a collaborative effort with co-author Yoon-Ah Kook, DDS, PhD, professor and chair, orthodontics, Seoul St. Mary's Hospital, The Catholic University of Korea, Seoul, Korea.

Dr. Park was also published in *Dentistry Today* with his article "Impacted maxillary canines: diagnosis and management," co-authored by Thian Srisurapol and Kiyoshi Tai, and in *AJO-DO*

with "Severe facial asymmetry and unilateral lingual crossbite treated with orthodontics and two-jaw surgery: 5-year follow-up," co-authored by Kiyoshi Tai, Kazuhisa Ikeda, Akiyoshi Nishiyama and Yasumori Sato.



**Dr. Park**

**Klud Razoky, BDS**, is the new assistant dean, pre-clinical education.



**Dr. Razoky**

**George Blue Spruce Jr., DDS, MPH**, assistant dean for American Indian affairs and assistant professor, was selected as an honorary commander at Luke Air Force Base (AFB) in Glendale, Ariz., at a ceremony and reception held Oct. 26, 2012. The honorary commanders program provides community, business, and civic leaders with first-hand exposure to the mission and heritage of airmen at Luke AFB and Luke's F-16 training mission. The program also allows military commanders and their units to learn more about the community in which they live.



**Dr. Blue Spruce**

**Yvette Thornton, BS, RDH**, coordinator, dentistry in the community, is Maricopa County Oral Health Leaders Advocates and Resources' (MOLAR) March 2012 Member of the Month. Thornton has been active in MOLAR since 2011.

**Janet Woldt, PhD**, associate dean and assistant professor, co-authored an article published in the December 2012 issue of *Journal of Dental Education*. The article, "Implementation of portfolio assessment of student competence in two dental school populations," describes the process and procedures involved in the implementation of portfolio assessment at ASDOH and the University of Alabama at Birmingham School of Dentistry.



**Dr. Woldt**

## ASHS

**Jeffrey Alexander, PhD**, associate professor, Interdisciplinary Health Sciences-Doctor of Health Sciences program, received the 2012 ASHS Scholar of the Year

Award for demonstrating excellence in his scholarly activities, including publications, presentations, and grant activity. He was presented with the award on Dec. 10, 2012, at the faculty assembly meeting.



**Dr. Alexander**

**Annlee Burch, PT, MS, MPH, EdD**, vice dean and associate professor, was recognized as a distinguished fellow for the Research Group on Disparities in Health at Columbia University, Teachers College on March 16. Dr. Burch and two students presented a study on cultural competence and physical therapy schools across the nation.



**Dr. Burch**

**Patricia Dabrowski, AuD**, joined the faculty as associate professor and clinical coordinator, audiology. Dr. Dabrowski has been a faculty member at Salus University in Pennsylvania since 2004. She taught numerous courses and served as externship coordinator, clinical director of the Pennsylvania Ear Institute, and preceptor and mentor for AuD students.

**Randy D. Danielsen, PhD, PA-C, DFAAPA**, dean, received the University of Utah's Patron of the Profession award for his "unwavering dedication and service to the physician assistant profession" by its PA program, a division of the Department of Family & Preventive Medicine, School of Medicine. The award has only been given six times in its 40-year history. Dr. Danielsen was the commencement speaker for the University of Utah's PA program in 2012.



Dr. Danielsen

**Lesley Gilmer, PhD**, is acting director of human anatomy, interdisciplinary health sciences. Dr. Gilmer has been with ATSU since 2012 and served as assistant professor of human anatomy. Dr. Gilmer has a PhD in anatomy and neurobiology from the University of Kentucky, where he also completed a post-doc in traumatic brain injury.

**Dana Kernan, PT, DPT, ATC, MTC**, was named assistant professor, physical therapy. As academic coordinator of clinical education, she will assist in the delivery of the DPT clinical internships and will teach in the residential DPT program.

Dr. Kernan has clinical experience in orthopaedics and geriatric rehabilitation. She is certified in manual therapy, has interdisciplinary experience as a dual licensed PT/ATC, and previously served as a clinical instructor for the DPT program before joining full-time.

**Barbara Maxwell, PT, DPT**, is interim director of interprofessional education and collaboration, academic affairs. Her primary responsibility is to champion interprofessional education and collaboration within the School and to foster such collaboration among all schools at the University, as well as with external organizations.



Dr. Maxwell

**Patricia Johnson Miner, DHSc, MSN, RN, PNP-BC, '11**, adjunct faculty, Doctor of Health Sciences program, was published in the July 2012 issue of *Advance for NPs & PAs*. She conducted a literature review of studies on melatonin use for insomnia in children with ADHD. Dr. Miner is a nurse practitioner at Rockford Health System in Rockford, Ill.



Dr. Miner

**Eric L. Sauers, PhD, ATC, FNATA**, professor and chair, interdisciplinary health sciences, was appointed to the Commission on Accreditation of Athletic Training Education (CAATE). CAATE is the agency responsible for the accreditation of professional

(entry-level) and post-professional athletic training educational degree programs and residency programs. His initial three-year term extends to July 30, 2015.



Dr. Sauers

**Albert "Bert" F. Simon, DHSc, PA**, PA program chair, received a recognition award from SOMA on Nov. 13, 2012, for his leadership and service. SOMA Dean Kay Kalousek, DO, presented Dr. Simon with the award. Dr. Simon has been with the University since 2005.



Dr. Simon

**Wayne Smith, PT, DPT, SCS, CMT, ATC**, associate professor, PT program, is certified by the American Registry for Diagnostic Medical Sonography, the premier credentialing organization for sonography professionals. He also was awarded the Registered in Musculoskeletal™ sonography credential.

Dr. Smith currently practices at the Andrews Clinic in Pensacola, Fla. He also is a consultant for a national ultrasound corporation, provides regular continuing education instruction on musculo-

skeletal ultrasound imaging, and serves on the Imaging Curriculum Task Force for the American Physical Therapy Association.



Dr. Smith

## KCOM

In December 2012, a group of 24 medical professionals, including six SOMA students and one KCOM student went on a week-long medical mission trip to Chacraseca, Nicaragua, where they saw approximately 800 patients. The mission was a collaborative effort with JustHope International and DOCARE.

ATSU Board Member **Stanley E. Grogg, DO, FACOP, FAAP, '71**, served as medical director and his wife, Barbara Grogg, APRN, C-NP, as clinic director. Additionally, **Kevin Marberry, MD**, associate professor and chair, orthopaedics, KCOM, and two other healthcare providers participated, along with osteopathic medical students from Oklahoma State University and Michigan State University.



Dr. Marberry & Grogg

Research on a fossil skeleton co-authored by **Peter Kondrashov, PhD**, chair, anatomy, was published in the *Journal of Vertebrate and Paleontology* in September 2012. The article, "A nearly complete skeleton of *Ernanodon* from Mongolia: morphofunctional analysis," was also the publication's cover story.



Dr. Kondrashov

**Neil Sargentini, PhD**, professor and chair, microbiology/immunology, presented "Upregulation of genes involved in DNA double-strand break repair in X-irradiated *Escherichia coli*" at the 112th General Meeting of the American Society for Microbiology, held June 16-19, 2012, in San Francisco. Co-authors were Deshala Castille, MS, '12, OMS II; Deborah Hudman, MS, research associate; and **Vineet Singh, PhD**, professor, microbiology/immunology.



Dr. Sargentini

**Patrica Sexton, DHEd, '08**, is associate dean, curriculum. Dr. Sexton works closely with faculty and the curriculum committee in overseeing and developing the

predoctoral curriculum, years one through four.

Dr. Sexton joined KCOM in 1988 and most recently served as associate professor, family medicine. She is a National Academy of Osteopathic Medical Educators fellow and American Osteopathic Association Health Policy fellow.



Dr. Sexton

**Vineet Singh, PhD**, professor, microbiology/immunology presented "Beyond foldase and holdase: an insight of the significance of DnaK heat shock system in *Staphylococcus aureus*" at the 112th General Meeting of the American Society for Microbiology, held June 16-19, 2012, in San Francisco. Co-authors were Michael Syring, BS; Anchal Singh, PhD, research associate; and Trintje Johansson, MS, '12.



Dr. Singh

**Tim Tucker, MSPH**, director, Learning Resources, received ATSU's Above and Beyond Humanitarian Award. Tucker was nominated by Neha Valeja, OMS IV, for helping students both on and off the clock.



Tucker

## SHM

**Don Altman, DDS, DHSc, MPH, MBA, MA**, professor and chair for public health at SHM and director for public health and research at ASDOH, assumed the role of interim dean.

Dr. Altman joined ATSU in 2006 to develop and implement the public health certificate program at ASDOH, the MPH – Dental Emphasis program, as well as the dual degree program offered to ASDOH students. He helped ATSU receive initial accreditation from the Council on Dental Accreditation for a Dental Public Health Residency program housed at SHM and he is working on the Council on Education in Public Health accreditation for the MPH program.

Dr. Altman earned his DDS from the University of Texas Dental Branch (1983); MPH from the University of Texas School of Public Health (1989), becoming board certified in dental public health (1999); MBA from the University of Phoenix (2002); MA in bioethics from Midwestern University (2004); and DHSc from ASHS (2012).

Prior to joining ATSU, Dr. Altman worked for the city of Houston, the state of Texas, the state of Arizona and Principal Financial Group. His public health experience includes serving as president of the Arizona State Board Dental Examiners,

president of the Arizona Public Health Association; a volunteer with Health Volunteers Overseas (Cambodia and Vietnam); director of the National Oral Health Leadership Institute; and a consumer representative to the Dental Products Panel for the Food and Drug Administration. He was also appointed as a director to the American Board of Dental Public Health in 2012.



Dr. Altman

Instructional designers **Andy Kottwitz** and **Elsie Rudd, BSE, MA**, presented "Course Creation at ATSU-School of Health Management: Transforming a Static Syllabus into a Dynamic Learning Experience" at the Missouri Distance Learning Association annual conference in St. Louis on July 26-27, 2012.



Kottwitz



Rudd

**Letha Williams, PhD**, is program chair, health administration and public health. Since 2010, Dr. Williams served as a faculty member for SHM in health administration.

Before joining ATSU, she served as department chair for the accelerated business programs at Baker College in Michigan and adjunct professor at Davenport University and Trident University International.

Dr. Williams has 11 years of higher education experience in both teaching and administrative roles. Her professional experience includes more than 30 years in leadership positions in health-care organizations, including the American Red Cross, and hospitals, long-term care facilities, and a home care agency.

Dr. Williams holds a PhD in organization and management with a focus in leadership and maintains a research interest in leadership ethics. She also holds a master's degree in public administration with a healthcare emphasis from the University of Michigan and a bachelor's degree in journalism from Oakland University.



Dr. Williams

**Sondra Sanford, MSW**, is a career services and data management associate. Sanford is a social worker with a clinical and administrative background in community mental health services, substance abuse treatment, and prevention. She joined ATSU in 2009, working at KCOM as the sponsored projects coordinator for an NIH R-25 grant for evidenced-based medicine. In 2010, she transitioned to her most recent role as a senior executive assistant to ATSU's vice presidents for planning and assessment, general counsel, and academic affairs.

Sanford is also an ATSU student, pursuing her DHSc degree with an emphasis in organizational behavior and leadership. She earned her master's degree from University of Missouri – Columbia and her bachelor's degree from William Woods University.



Sanford

## SOMA

*The Journal of the American Osteopathic Association* selected **Joy H. Lewis, DO, PhD, FACP**, assistant professor, family and community medicine and director, post-graduate education, to its editorial board. Her role includes peer reviewing manuscripts and mentoring prospective authors.

**Lise McCoy, MTESL**, joined the faculty development office. Her duties include management the delivery of faculty training workshops, supporting the development of innovative faculty development models, assembling writings on curriculum, disseminating articles on instructional best practices, observing classroom activities, assisting or leading educational research, assessment and quality assurance activities, and processing CME for major workshops and retreats. McCoy will also continue coordinating projects on the Simulations Game Team and managing the schemes archive and library in Equella.

**Gregory McQueen, PhD**, senior executive associate dean, published a study entitled "Why Women Make Better Directors," in the *International Journal of Business Governance and Ethics*. The study, co-authored by Chris Bart, professor of strategic management at the DeGroote School of Business at McMaster University, found that women's abilities to make fair decisions when competing interests are at stake make them better corporate leaders.

Dr. McQueen holds faculty appointments at DeGroote School of Business, McMaster University, as well as The Directors College and the Niagara Institute.



Dr. McQueen

Send your faculty news to [stillmagazine@atsu.edu](mailto:stillmagazine@atsu.edu).

# In memoriam

ATSU pays tribute to the following graduates.

Read full-length obituaries online at [stillmagazine.atsu.edu](http://stillmagazine.atsu.edu).



## 1930s

Alexander H. Levine, DO, '38, April 26, 2012, Valley Cottage, N.Y., Pequannock, N.J.

Ruth E. Toluba, DO, '39, May 28, 2012, Nanticoke, Pa.

## 1940s

Grant E. Atwell, DO, '41, Jan. 16, 2013, Meyersdale, Pa.

Donald C. Bergmann, DO, '45, March 21, 2010, Coral Springs, Fla.

Victor J. Cervenak, DO, '48, Dec. 20, 2012, Sterling Heights, Mich.

Wendell E. Jacobs, DO, '41, Dec. 30, 2012, Vero Beach, Fla.

John F. Maxfield III, DO, '43, Jan. 17, 2013, New London, N.H.

T. Robert Sharp, DO, '44, Aug. 18, 2012, Dallas, Texas

Willard I. Skousen, DO, '46, July 2, 2011, Gilbert, Ariz.

Charles H. Vortriede, DO, '43, Jan. 25, 2012, Grosse Pointe Park, Mich



## 1950s

Louis W. Brittingham Jr., DO, '59, Aug. 07, 2012, Lakebay, Wash.

Thomas W. Deurloo, DO, '58, Feb. 5, 2012, Stanton, Mich.

Lloyd L. England, DO, '52, July 5, 2012, Davenport, Iowa

Morry S. Fox, DO, '56, June 7, 2012, Coral Gables, Fla.

Jack R. Griffen, DO, '58, July 15, 2012, Bowling Green, Mo.

Bill P. "Billy" Hatch, DO, '53, July 10, 2012, Cave Creek, Ariz.

Maurice W. Payne, DO, '59, Sept. 29, 2012, Checotah, Okla.

Dante S. Roccario, DO, '55, July 5, 2012, Aldan, Pa.

George H. Scheurer, DO, '54, Oct. 19, 2012, Kirksville, Mo.

James D. Springer, DO, '55, Oct. 15, 2011, Vancouver, Wash.

William G. Taaffe, DO, '52, July 7, 2012, Dayton, Ind.

John A. Vosler, DO, '55, Aug. 11, 2012, Eaton, Ohio

Raymond J. Wojciak, DO, '59, Dec. 10, 2012, Valrico, Fla.

James J. Woodruff, DO, '58, March 2, 2013, Las Vegas, Nev.

Richard C. Wright, DO, '54, Jan. 25, 2013, Avondale, Ariz.



## 1960s

E. Ross Hanson, DO, '65, July 3, 2012, Daytona Beach, Fla.  
Lawrence C. Hazen, DO, '69, Dec. 3, 2012, Saginaw, Mich.  
Larry K. Schanz, DO, '62, Dec. 2, 2012, Northville, Mich.  
Stanley M. Schiff, DO, '62, Oct. 29, 2010, Jenkintown, Pa.  
John M. Szala, DO, '64, Aug. 12, 2012, China Village, Maine  
John E. Upledger, DO, '63, Oct. 26, 2012, Palm Beach Gardens, Fla.  
Jack L. Wise, DO, '61, July 27, 2012, Parrish, Fla.



## 1970s

Bryce D. Beyer, DO, '73, Sept. 13, 2010, Fort Worth, Texas  
Allen H. Carothers, DO, '71, March 2, 2013, Jackson, Mich.  
Terry L. Connor, DO, '75, Jan. 14, 2013, Scottsdale, Ariz.  
Jack L. Dilts, DO, '75, Sept. 20, 2012, Milford, Del.  
Anthony M. Fasano, DO, '75, July 22, 2012, Chantilly, Va.



## 1980s

Michael V. Altamura, DO, '80, Nov. 15, 2012, Scottsdale, Ariz.  
Michael A. Brown, DO, '80, Jan. 12, 2013, Bettendorf, Iowa  
Irvin J. Cramp, DO, '84, Nov. 27, 2012, Montgomery City, Mo.  
A. Sam Hill, DO, '82, April 22, 2009, Columbus, Ohio  
William M. McDonald, DO, '83, Jan. 26, 2013, Camdenton, Mo.  
Scott M. McKenna, DO, '84, Sept. 4, 2012, Phoenix, Ariz.  
Michael A. Stockton, DO, '86, Nov. 7, 2012, Powell, Ohio



## 1990s

Rinda P. Ellis, DO, '96, Feb. 6, 2013, Provo, Utah

## 2000s

Denise M. Comerford, AuD, '07, Sept. 20, 2012, Princeville, Ill.  
Esther B. Ginsberg, AuD, '02, Jan. 13, 2013, Nipomo, Calif.  
Todd H. Porter, AuD, '03, Dec. 2, 2012, Irving, Texas  
Candler S. "Candi" Smith, AuD, '09, Oct. 10, 2012, Murrells Inlet, S.C.

## Administration and faculty

Gerald J. Tritz, PhD, former chair, microbiology/immunology, KCOM, Feb. 12, 2013, Sierra Vista, Ariz.

# Announcing ...

## ATSU Alumni and Friends Continuing Education Cruise Program and Pre-Cruise Program 2014 *Royal Caribbean's Adventure of the Seas*

### Jan. 12-19, 2014 Cruise

10 hours 1-A credit, AOA  
(Additional accreditations pending.)

### Jan. 11-12, 2014 Pre-Cruise

8 additional hours 1-A credit, AOA  
(Additional accreditations pending.)

Set sail for a seven-day cruise aboard the Adventure of the Seas® cruise ship and receive excellent continuing education. This interprofessional CE meeting, "Don't Bite Off Too Much!," will explore an updated series of topics focused on evidenced-based diagnosis and treatment of common infectious diseases. The program will address an interdisciplinary audience, be presented by interdisciplinary experts, and anticipates being approved to provide professional continuing education credit for physicians, dentists, physician assistants, and certified athletic trainers. The educational program has been scheduled to allow just the right mix of business and pleasure!

#### Accreditation

*Physicians:* This program anticipates being approved for category 1A credits pending approval by the AOA- CCME. *Dentists:* Arizona School of Dentistry & Oral Health is an ADA CERP-recognized provider. *Athletic trainers:* ATSU is recognized by the Board of Certification Inc. to offer continuing education for certified ATs. *Additional health professionals:* ATSU Continuing Education will provide a certificate of participation including program content, objectives, presenters, location, date, time, and number of education hours offered. Participation will be tracked through Continuing Education and available upon request.



**For CME/CE information, contact:**  
ATSU Continuing Education  
800 W. Jefferson St., Kirksville, MO 63501  
660.626.2232 866.626.2878, ext. 2232  
Fax 660.626.2931  
cme@atsu.edu

### CE programs at-a-glance

#### Primary Care Update

Aug. 2-4, 2013  
Tan-Tar-A Resort  
Osage Beach, Mo.  
15 hours category 1-A credit, AOA

#### Primary Care Update

Dec. 5-7, 2013  
Big Cedar Lodge  
Ridgedale (Branson), Mo.  
18 hours category 1-A credit, AOA

#### Primary Care Update

**Founder's Day**  
**Manipulative Update**  
Oct. 24-26, 2013  
ATSU Missouri campus  
Kirksville, Mo.  
25 hours category 1-A credit, AOA



View online and additional  
program options at  
[www.atsu.edu/kcom/cme](http://www.atsu.edu/kcom/cme).  
Programs subject to change

ATSU

A. T. STILL  
UNIVERSITY

First in  
whole person  
healthcare

Photo credit: Passion to Heal<sup>SM</sup>



# Saving skin

“The number and types of diseases we saw was not what I was prepared for. And I saw some devastating things,” said dermatologist G. Scott Drew, DO, FAOCD, ’87, while describing a January 2012 expedition with Passion to Heal<sup>SM</sup> in which he joined 16 healthcare providers serving 11 vulnerable communities in rural Kenya for 10 days. When the team arrived at Baraka Health Center, they were astonished at the devastating skin conditions with which the locals were living.

They encountered one 5-year-old girl with a severe blistering disease that affected her entire body. With no access to care, the disease had taken a toll on her body and had caused her education, social life, and family to suffer as well. Since many therapy options traditionally used in America were not available, the physicians were prompted to get creative with her treatment. Happily, by the time they left, she was better.

“We relieved human suffering with just that one episode,” Dr. Drew recalled. “We’ve gotten more than we’ve given. These people are happy and hopeful. It’s fulfilling and life altering. It’s depressing and exhilarating. And I would do it again in a heartbeat.”



## Save the dates

AZ

Arizona campus  
Oct. 18

Missouri campus  
Oct. 24-26

Honoring the KCOM classes  
of 1963 and 1988

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See the ad on p. 50 to learn more about upcoming continuing education programs.



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