

"To live is to choose. But to choose well, you must know who you are and what you stand for, where you want to go and why you want to get there."

-Kolfi Annan

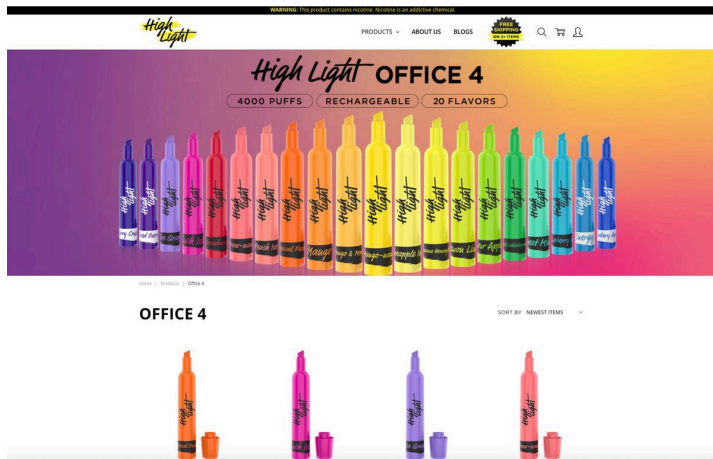
A classic public health question is answered in this Did you Know? [How the water you flush becomes the water you drink](#). In 2003, Singapore's national water agency launched an unprecedented program to provide more than 50% of their nation's water supply by recycling wastewater. The program had been planned for decades to ensure the island nation never ran out of clean water. But is it really safe to reuse anything we flush down the toilet? [Francis de los Reyes explains the science of wastewater treatment](#).

1. [CtYou.org is being updated and made more user friendly, less scrolling](#) by our very own Susie McEachern-Lauer. She added new topics/courses under AI, Parental Rights, Financial Literacy, Mental Health, and Employability Skills. Under "*Health Teacher Resources*", the Table of Contents is now hyperlinked and goes directly to the course. Also, the topics have been shortened so that you use a drop down to open more content once you reach the desired course. Great job and Thanks Susie! Any powerpoints/resources from New Teacher or Oklahoma Summit will be found on ctyou also!
2. [Scientists create large amounts of muscle stem cells in a lab setting without genetic engineering](#); approach may lead to new treatments for diseases like muscular dystrophy ([More](#))
3. Want to keep up with our State Director, Brent Haken? His monthly columns, titled [Brent's Bylines](#) are now on the CareerTech website: [Director's Column \(oklahoma.gov\)](#)
4. Check out this great story about [a pig kidney implant](#): A genetically modified kidney taken from a donor pig [has functioned normally](#) after being transplanted into a brain-dead patient more than a month ago, doctors revealed yesterday. Researchers say the patient had both kidneys removed and was sustained in their vegetative state while relying on the new organ.
The success relies on [advanced gene-editing techniques](#). The presence of a sugar molecule known as alpha-gal, produced by most mammals but not humans, causes acute organ rejection by the body after surgery. The recent news is the fifth demonstration of kidneys from pigs modified to not produce the molecules being used as transplants. Listen to a deep dive about alpha-gal—also the cause of red meat allergy—[here](#)
Last year, a terminally ill patient died two months after receiving a pig heart transplant, possibly due to the organ [being infected](#) with an animal virus. Around 8,000 American patients die each year while awaiting organ transplants.

5. Lippencott Journal sent a link to their journal, "[Nursing Education Perspectives](#)", Sept. issue and there are some interesting [feature articles, innovation practices and research briefs](#) that apply to many healthcare professions.
6. A new Oklahoma CareerTech video shows [how the system fills the critical occupations skills gap](#) and powers Oklahoma. The work starts by inspiring students early in their educational careers and continuing by supporting them along their chosen career paths while they serve thousands of companies that fuel Oklahoma's economy. Watch the video on the [Oklahoma CareerTech YouTube channel](#)
7. [Can Artificial Intelligence improve instruction? Three Teachers Share how they use it!](#)
8. [Visible Body Suite](#) contains thousands of 3D models just waiting to be made into [interactive Flashcards](#)! Students can customize Flashcards with features like the draw tool and auto-labeling to help them learn vocabulary, think clinically, and even study for certification exams. Learn about the different ways you can use VB Flashcards in the classroom on the Visible Body Blog: [10 reative Uses for Flashcards in Visible Body Suite](#)
9. From our CareerTech Testing Division: **Please see the attached flyer for our Zoom session on September 25th @ 10:00 am.** Our staff will be available to answer questions related to [liaison onboarding, rosters, digital badging, testing processes, etc...](#)We hope people will come and go with any questions they may have.
10. As the only [online aptitude-based academic and career guidance system](#), [YouScience® Brightpath](#) provides a strong foundation for student growth. YouScience connects education with industry enabling skills acquisition and growth, real-world experience, industry-recognized certifications, and more. **Spend more time doing what matters most**, and less time worrying about how to do it, with YouScience. [Schedule a demo or get a quote](#)—I've personally used this with my own kids and love it!
11. The [EMS HeatTracker](#) can help public health officials ensure emergency medical services reach those who need them most. [This article](#) discusses how public health officials can use data to identify where to put cooling centers and outreach services.
12. [Pharmacy Technician Immunization Registration](#) [New rules for pharmacy technicians administering immunizations will become effective on September 1, 2023.](#) These new rules will allow a Pharmacy Technician to administer any vaccine that is approved, or licensed by the FDA.

A pharmacy technician must have successfully completed an Accreditation Council for Pharmacy Education (ACPE) training program. A pharmacy technician must have current Cardiopulmonary Resuscitation (CPR) certification. A pharmacy technician must complete 1 hour of immunization related ACPE or Board approved Continuing Education (CE) every year. This CE should be maintained with the pharmacy technician training so that Compliance Officers can review this upon inspection of the pharmacy. The Immunization Registration Permit must be posted in the pharmacy. The application for the Immunization Registration Permit is on the Board's [website](#) and the new rules are posted on the website as well. This will be a one-time registration and the fee will be \$25.00. Please send in your application for processing and pay the required fee at the [Online Store](#) on the Board website.

13. Just when you thought it was safe to buy school supplies and let kids use them, the Osage County Health Dept. just posted this warning about [vapes that now look exactly like highlighters](#):



You'll want to check your school policy on the use of vapes at school and keep an eye out for imposters!

14. Oklahoma HOSA is frequently recognized for our contributions to the HOSA National Service Project. This summer we were recognized for our fund-raising efforts as a state, but now the Oklahoma HOSA President, Ashley Orellana-Montiel, has taken that one step further. The National Service Project this year was a partnership with **Be the Match**. This organization is the global leader in bone marrow transplantation. Ashley swabbed her cheek and sent in her sample hoping that she would be selected as a match for a patient in need. That dream came true this summer and **she was found to be a perfect match for a person in desperate need of these live-saving cells**. Recently she made a **video blog** of her experience for giving her donation (attached). It has been shared on social media by Oklahoma HOSA as well as HOSA-Future Health Professionals on their international platform. We are so proud of her!
15. **20 Effective Classroom Management Strategies**—see how many you currently use!!! [20 Effective Classroom Management Strategies - Educators Technology](#)
16. Have you registered for the **HCE Bootcamp** to be held at Lake Murray Lodge on September 20 and 21st? Registration, agenda, and hotel information can be found on our website—This event will feature the famous Starla Ewan's Hands On Body System, classroom management, best practices from teachers, great networking and so much more! [HCE Bootcamp \(oklahoma.gov\)](#)
17. And finally, our first ever **NOW YOU KNOW** will take place on Thursday, Sept. 7th **on Notetaking and Study Skills**. This one-hour session beginning at 3:30pm will be held on Zoom and will be archived for your review. There is no charge, just log in: <https://zoom.us/j/8822491946>

I'm in Seattle this week, preparing for the October conference for National Consortium for Health Science Education—there is still time to come to this amazing city for the absolute BEST professional development available for Health Science teachers!! [Conferences | National Consortium for Health Science Education \(healthscienceconsortium.org\)](#)
Have a great week!

Sincerely,
Lara Morris
State Program Manager | Health Careers Education



OKLAHOMA
CareerTech

1500 West Seventh Avenue
Stillwater, OK 74074-4398
405.743.5106
405.747.9327 cell
lara.morris@careertech.ok.gov
www.okcareertech.org