

***“Ever tried. Ever failed. No matter. Try again. Fail again. Fail better.” --Samuel Beckett***

1. Every pay raise and program increase by the legislature can be traced back to supporting the legislators who support CareerTech. Our teachers’ organization wants to increase our donors to the OKACTE PAC! **The OkACTE PAC or Political Action Committee is an organization with a purpose to raise money and help finance the campaigns of candidates sensitive to interests of OkACTE members.** The OkACTE PAC allows Oklahoma career and technology educators to pool financial resources providing more substantial influence on the political process. To be an OkACTE PAC member requires a contribution of \$20.00 or more. You can complete the PAC Contribution Form or you can give electronically on our database. For more information and to donate, see OKACTE’s website. [Political Action Committee | OkACTE](#)
2. The opening of the Fall 2023 application for the **Lottery Scholarship** is here!! Please review the updated eligibility requirements before beginning the application process. Below is the link to the application: <https://www.surveymonkey.com/r/Fall23LotteryScholarshipApp>
3. Join this **interactive webinar on integrating virtual patient simulations into health science education**, aligned with the latest National Health Science Standards. Hosted by Body Interact, this webinar is for health science teachers who want to enhance their teaching and engage their students with experiential learning. Our virtual patient simulations cover a wide range of topics and offer a unique opportunity for students to apply theoretical knowledge to real-life scenarios. Learn new strategies to maximize learning outcomes and prepare your students for successful healthcare careers!

**Presented By:** Raquel Bidarra & Carolina Ferreira from Body Interact NCHSE Member

**Date:** September 13, 4:00-5:00pm (ET) Register: [Meeting Registration - Zoom](#)

4. **The emerging technology, paid for by a grant established during the 2023 legislative session, will help emergency health care workers talk with doctors in emergency rooms to better care for critical patients. [This new law will help health care workers save lives in ambulances that cover wide-open West Texas - Route Fifty \(route-fifty.com\)](#) Should we ask our legislature for the same? The bill provides **emergency telemedicine medical services and telehealth services in rural areas by installing secure video calls and wireless patient monitoring in ambulances already in transit to an emergency room.****
5. **Researchers show [implantable bioreactor can keep kidney cells alive](#) for at least one week, a breakthrough in the effort to find alternatives to dialysis for patients with kidney failure ([More](#))**
6. **[National Board-Certified Teachers](#)** Have you ever thought about becoming National Board Certified? [https://www.ok.gov/oeqa/National\\_Board\\_Certification/](https://www.ok.gov/oeqa/National_Board_Certification/)  
For more information about National Board, please contact Jennifer Gambrell, Director, at the Office of Educational Quality and Accountability or the NBCT regional contact in your area. Those contacts are also listed on the website.
7. **How the Mexican border town of Los Algodones—home to 5,000 residents—built a budget dental empire of [350 dental practices, providing relief from the high costs of care in the US and Canada.](#) ([Read](#))**
8. Check out this **[3,000-year-old wooden toe prosthetic discovered on an Egyptian mummy.](#)** Researchers think the toe is one of the world's oldest prosthetic devices. New research found that the wooden toe was refitted several times. Based on the meticulous construction of the ancient prosthesis, the researchers determined the wearer — a priest's daughter — wanted the toe to look natural and be comfortable to wear. The Early Iron Age prosthesis was found in a tomb cut into the older burial chapel at the graveyard hill of Sheikh Abd el-Qurna, west of Luxor, Egypt.



9. Take students into the world of cells with this lab activity by Dr. Arne Christensen, Assistant Professor of Biology at Westfield State University. This lab will teach students about the different types of cells and their individual structures. It will also introduce them to topics like osmosis, cellular respiration, transcription, and more! [Cell Structure and Function Lab](#) (type "cell" into the lab search bar.)

10. **Important Science Update for the 2023-2024 School Year:**

The science course 5220 Physiology has been removed and 5333 Anatomy has been updated. The updated course will be 5333 Anatomy and Physiology. The course names/codes combined as anatomy (body structures) and physiology (function of body structures) are not taught separately. All courses that would fall under the "anatomy/physiology" genre should be coded to 5333.

Please see the Ok Promise page regarding guidelines for CareerTech Anatomy and Physiology: [https://secure.okcollegestart.org/College\\_Planning/Prepare\\_for\\_College/course\\_guidelines.aspx](https://secure.okcollegestart.org/College_Planning/Prepare_for_College/course_guidelines.aspx)

Anatomy and Physiology	As with all science courses, these courses must include a laboratory component and be taught at or above the rigor of Biology I.
Anatomy and Physiology (Career Technology Centers)	<p>Anatomy and Physiology courses taught within the following health careers certifications at career technology centers may count for one unit if the outlined requirements below are met. A second year of a course will not count as a second unit of lab science or as an "additional" unit for the requirement:</p> <ul style="list-style-type: none"> <li>• Health Science Technology - Grades 11 or 12</li> <li>• Health Careers Certification - Grades 11 or 12 (Level II Anatomy and Physiology or Level III Anatomy and Physiology)</li> <li>• Dental Assisting - Grades 11 or 12</li> <li>• Medical Assisting - Grades 11 or 12</li> <li>• Practical Nursing - Grade 12</li> </ul> <p>The course must also meet four conditions to count for college admission and Oklahoma's Promise: 1) be taught by a teacher certified to teach secondary biological sciences; 2) be taken by the student in the 11th or 12th grade; 3) be approved for credit by the local boards of education for both the school district and the technology center; 4) and be certified by the local school district as a lab science.</p>

11. Check out this classroom management technique--watch a simple first/then strategy on how to create more predictable learning environments that result in more engagement and learning. [Grandma's Rule | CharacterStrong](#)

12. **What is grit?** Grit is having passion and perseverance for long-term goals.  
**Why does grit matter?** Excellence sometimes seems like the result of natural talent. But no matter how gifted you are—no matter how easily you climb up the learning curve—you still need to do that climbing. There are no shortcuts. **Grit predicts accomplishing challenging goals of personal significance.** For example, grittier students are more likely to graduate from high school, and grittier cadets are more likely to complete their training at West Point. Notably, in most research studies, grit and measures of talent and IQ are unrelated, suggesting that talent puts no limit on the capacity for passion and perseverance.
13. [Taking Aim: Teaching Impact Continuing Conversation \(nlm.org\)](#) Join the NLN for an insightful webinar on Wednesday, September 13, that **continues the conversation on structural racism.** **Roberta Waite EdD, MSN, BSN** and **Danica Sumpter PhD, RN, CNE** will explore the power of antiracism in nursing education, policy, and practice to transform health care and advance excellence in quality, safety, and caring. Participants will:
- Discuss three distinct, yet interconnected antiracist strategies
  - Evaluate the types of sacrifices necessary to facilitate radical change
  - Discover examples of successful antiracist transformation
- Register now to be part of the conversation!
14. Houston Kraft, CharacterStrong's co-founder, has released a companion journal to his book [Deep Kindness!](#) [Be Kind: A 52-Week Journal](#) for Practicing Kindness expands on the foundations of the book by **providing 52 quotes, prompts, and challenges to incorporate kindness into every week of the year.** Each challenge brings thoughtful and intentional compassion to a single individual. [Buy Be Kind Now!](#)
15. **There is no change this year to the affiliation fees for HOSA: Future Health Professionals.** It will continue to be **\$17 per member** (middle school, secondary 9-12, post-secondary 13+, and advisor). Students may be affiliated until registration for State Leadership Conference closes February 20, 2023!

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