

Tentative Agenda for Virtual Health Science Conference

July 20 - 22 2020

Sponsored by



**Texas Health
Occupations
Association**

All attendees will receive 24 CPE Credits.

Details about how to receive your certificate will be addressed at the end of the conference.

Monday July 20, 2020

Welcome and Conference Updates 8 a.m. – 8:45 a.m.

New Teachers Registration and Training **\$150 Additional Fee**

9 a.m. – 12:00 p.m. (9-9:45 TEA Welcome)

Break 12-2 p.m.

Resume 2-5 p.m.

Presenter: Linda Stanhope

This comprehensive workshop provides new teachers with resources and training needed to teach Health Science. The workshop includes: Overview of health science and understanding of the TEKS, classroom management, health science terminology, teaching strategies and learning styles, Introduction to THOA and HOSA and other student organizations. Exposure to classroom and administrative responsibilities, including lesson planning and how to make those lesson plans interactive using labs, technology and activities. All attendees will receive an electronic classroom management book.

Opening General Workshop 9:00 a.m. – 11 a.m.

Featured Presenters

JoAn Majors, RDA, CSP and Margy Schaller

JoAn Majors and Margy Schaller are two key opinion leaders in healthcare who are no strangers to engaging an audience, in person or online. During this session, you will learn new ways of navigating online teaching by leveraging your speaker/ teacher style and adapting to the expectations of the generation you are preparing for the workforce. When you understand how to use collaboration, teamwork and stories with intention, you can keep the audience involved and your frustration down. Finally, a quick Zip through ZOOM will have you skyrocket to success! [Full Abstract click here.](#)

<https://www.joanmajors.com> and www.LaserPointerPresentations.com

Lunch Break 11am – 12 noon

Great Opportunity to Visit Virtual Exhibit Hall

12 noon – 1:30 p.m. Group A Workshops

Conference Workshop A1

Student Certification Roundtable Part 1

Presenters: THOA Board

Looking to start a student certification program? Where to start? Spend a few minutes hearing from experts in the area. Seasoned Health Science Instructors will give you the down and dirty information to get this program going. each session will be about 20 minutes long... watch as many as you would like. 20-minute sessions on the following:
CNA, CMA, and Patient Care Tech.

Conference Workshop A2

Cannabis curious? Everything you wanted to know about medical cannabis (but were afraid to ask)

Presenter: Meredith Patterson

Join neuroscience/medical cannabis nurse Meredith Patterson for a presentation on the science underlying uses of cannabis (aka the marijuana plant) for medical purposes. Session will address current laws in Texas governing medical cannabis, including hemp-derived CBD. Participants will learn how to dose CBD properly, what type to take for optimal effectiveness and how to shop for quality, toxin-free products. Class includes case studies, current research and addresses safety and efficacy considerations.

Conference Workshop A3

The Great Diseases: Teaching the science of health and disease through case studies

Presenter: Revati Masilamani

Come learn about using an interrupted case study approach to getting students engaged in science and exposing them to authentic scientific practice and biomedical careers! Experience health and disease focused case studies from the Great Diseases and see how this FREE curriculum can be adapted to your classroom to teach your students critical thinking skills such as experimental design, data analysis and evidence-based reasoning. Learn about a digital collaborative case study that simulates the journey of a drug discovery team testing candidate anti-HIV drugs in clinical trials. See how your students can learn about biomedical careers while role-playing as different experts on the drug discovery team, and learn about our professional development trainings, and implementation support programs for teachers.

Conference Workshop A4

Learning Games in a Blended Environment

Presenter: Kim Smith

Has the COVID-19 pandemic given us a glimpse of what could be the future of education? Maybe its time. Time to leverage technology in improving the learning experience. Time to apply the results of 30 years of research on how the brain creates and stores memory. Time to use games as an effective learning application strategy. And time for us to work smarter, not harder, so that we have an impact on the success of our students and the health of society. This virtual workshop is designed as a hands-on approach to preparing teachers to implement game-based learning for Anatomy & Physiology in a blended classroom environment.

Conference Workshop A5

How to Bring CERT to High Schools

Presenter: Jackie Uselton

Adding the Community Emergency Response Team training to your Health Science program will help to empower your students to be able to develop a plan for anything that comes their way. This course is able to be taught as a stand-alone class or as part of an established program. All the curriculum is available at www.ready.gov/CERT

Break 1:30 pm - 2:00 p.m.

Great Opportunity to Visit Virtual Exhibit Hall

2:00 p.m. – 3:30 p.m. Group B Workshops

Conference Workshop B1

Student Certification Roundtable Part 2

Presenters: THOA Board

Looking to start a student certification program? Where to start? Spend a few minutes hearing from experts in the area. Seasoned Health Science Instructors will give you the down and dirty information to get this program going. each session will be about 20 minutes long... watch as many as you would like. 20-minute sessions on the following: Pharm Tech, EKG Tech, and Phlebotomy Tech.

Conference Workshop B2

Starla's Hands-On Body Systems: The Intimate Relationship of the CV and Immune Systems

Presenter: Starla Ewan

Instructors will receive awesome, proven, and affordable hands-on activities that guide students to understand basic to more advanced structures of the cardiovascular and immune systems. These lessons will help students to understand how these two systems work together! "Activities to make the 'hard stuff' easy!"

Conference Workshop B3

Pharmacy Technician 101

Presenter: Zenia Ridley

Attendees will learn two hands on Pharmacy compounding labs. One lab is designed to be completed in the classroom and the other is designed for students to be able to complete in a virtual at home environment.

Conference Workshop B4

Hands on Anatomy

Presenter: Carolyn Hess

Do you struggle with making the difficult A&P content more accessible for your students?

In this session, learn about activities designed to make Anatomy more fun. Half of the battle is keeping your students engaged throughout the class, and throughout the year. Academic success and learning retention will follow if you incorporate memorable labs and projects into your curriculum. Go from being the least favorite class, to the most favorite!

Conference Workshop B5

Home is Where the Heart is

Presenter: Jennie Baker

Carolina Biological offers a variety of laboratory kits and materials for teaching about human body systems. In this workshop, learn about preserved specimens for dissection, get a Carolina® Blood Typing Card sample, and experience a hands-on activity that focuses on the internal anatomy of the heart. All of the products presented are appropriate for face-to-face or online instruction.

Break 3:30 p.m. - 4:00 p.m.

Great Opportunity to Visit Virtual Exhibit Hall

4:00 p.m. – 5:30 p.m. Group C Workshops

Pre-Conference Workshop C1

Student Certification Roundtable Part 3

Presenters: THOA Board

Looking to start a student certification program? Where to start? Spend a few minutes hearing from experts in the area. Seasoned Health Science Instructors will give you the down and dirty information to get this program going. Each session will be about 20 minutes long... watch as many as you would like. 20-minute sessions on the following: EMT, Billing and Coding, and Dental Assisting

Pre-Conference Workshop C2

The Great Diseases: Teaching Infectious Diseases in the time of Corona

Presenter: Revati Masilamani

In our global world, the Coronavirus has spread like wildfire from Asia where it first emerged, to every continent except Antarctica. What do we know about this virus and how to combat it, and how does this relate to other infectious diseases that humanity has encountered and survived? Your students must have many questions! Come experience our collaborative approach to teaching Infectious Diseases in your classrooms! Work with some of our engaging, literacy-rich lesson plans, and find out how you can gain FREE access to all our high school curricular materials, professional development trainings, and implementation support programs. We will spend most of the workshop learning about infectious diseases, with a focus on COVID-19, and experiencing classroom activities that explore this content in engaging ways that impact your students' learning as well as health literacy.

Pre-Conference Workshop C3

Value-Based Healthcare

Presenter: Kim Smith

The world of healthcare is transforming right before our eyes. Hospitals were not spared the economic pain of COVID-19 as a result of patients cancelling or postponing elective procedures. Healthcare providers are still trying to navigate the increased use of technology and the shift from a fee-for-service payment system. This virtual workshop will introduce you to the world of value-based care and can be used as a tool in your classrooms in the coming year as you introduce your students to the healthcare delivery system.

Pre-Conference Workshop C4

Preparing Candidates for Nurse Aide Skills Testing with COVID-19 Modifications and More

Presenters: Jennifer Mankowski, and Cherie Watts

Pearson VUE® Nurse Aide Training review of the Nurse Aide Skills Evaluation: Preparing Candidates for testing, the experience and the expectations, including the testing experience during the COVID-19 pandemic. Also, added to this session will be Q & A with Anne Trejo, HHS Manager, Texas Licensing and Credentialing and Aaron Peterson, Pearson VUE Texas Nurse Aide Program Manager followed by CNA Instructor's discussion.

Pre-Conference Workshop C5

Step Away From That Med Term Book!

Presenter: Kendall McDowell

Tired of teaching the same material from the same textbook? Wanting to take your teaching to the next level? In this session, learn to take your hands off the book and on to project based learning that can be used in your Medical Terminology classes.

Tuesday July 21, 2020

8:00 a.m. -8:30 a.m.

Opening Session

General Business Meeting

Gifts and Messages from our Sponsors

8:30 a.m. -9:30 a.m.

1st Annual Stakeholders Meeting

The Texas Education Agency(TEA), Texas Health Occupations Association (THOA), and Texas Health Occupations Students of America (HOSA) are hosting a statewide stakeholder virtual session on participating in and building the Texas health science pipeline to postsecondary education and careers. Participating stakeholders: postsecondary institutions, health science organizations, certifying entities, healthcare industry representatives, health science vendors, and health science agencies.

Break 9:30 a.m. – 10:00 a.m.

Great Opportunity to Visit Virtual Exhibit Hall

Group 1 Breakout Sessions 10:00 a.m. -11:00 a.m.

Session 1: Starla's Hands-On Body Systems: 'Kidneys made easy!'

Presenter: Starla Ewan

Instructors will receive teaching techniques and affordable hands-on easy to use lessons for guiding students through detailed renal (nephron) and its relationship with the adrenal gland and cardiovascular system. Teachers will also receive activities on how to apply pathology and a student research activity of 'Case Studies' to add this hands-on lesson. Participants will take away their amazing renal system at the end of the workshop!

Session 2: Successfully Implementing a Dual Credit PCT Program: A Tough First Year

Presenters: Virginia Nash, Shari Harrington, and Grace Barber

School of Health Professions at Townview Magnet Center (Dallas ISD) has partnered up with Dallas County Community College to provide our students a Patient Care Technician certification. This session will review the steps needed to begin the dual credit process and explain how we managed our first year.

Session 3: Building Student Relationship

Presenter: Melissa Thurman

Establishing relationships and classroom management. Creating social contracts using strategies, pitfalls, giving behavior management back to your students, creating class jobs. These are ways to make the teacher work smarter not harder. Lets make your school year a smooth one.

Session 4: Tracking professionalism in the classroom setting

Presenter: Emma Carter

A simple technique to track professionalism as a grade in a CTE classroom setting The tracking provides a visual reminder for students to behave professionally such as cleaning work area, returning supplies, working as a group, and demonstrating respect for fellow students and teacher.

Session 5: Forensic Radiology

Presenter: Jonathan Perry

This webinar introduces the field of Forensic Radiology. A relatively new field allowing for novel insights into things like autopsies by utilizing Medical Imaging techniques such as MRI and CT. Followed by a discussion of the physics behind each modality, and a virtual cadaver dissection of each image type.

Lunch Break 11:00 a.m. –12:30 p.m.

Great Opportunity to Visit Virtual Exhibit Hall

Group 2 Breakout Sessions 12:30 -1:30 p.m.

Session 6: Handling the Challenging Student

Presenter: Starla Ewan

"Great ideas to arm you to handle the challenging student who Terrorizes you, Undermines you, is Rude, and Disrespectful to you and other students. Executing these simple techniques can turn this student(s) around and prevent them from interrupting the learning environment of others."

Session 7: Anatomy with FOOD!

Presenter: Tana Holmes

So many parts of the body can be imitated by simple food items found at the grocery store. Come find out how to have a hands-on anatomy lab for your pennies. The everyday representations stick with the kids for years!

Session 8: The Art of Scenarios: Using Real World Scenarios to Teach Nursing and Soft Skills

Presenter: Denise DuBois

Research continues to tell us that today's workforce is prioritizing soft skills like problem solving, time management, and work ethic over technical-job related skills. During this session, we will discuss ways to incorporate soft skill development to teach scenario-based lessons in an e-learning environment and classroom.

Session 9: From Principles to Practicum – Integrating Digital Resources in Your Classroom

Presenters: Sherita Harmon and Alex Schultz

You need to be ready to adapt and thrive when it comes to integrating digital resources in your classroom. Digital curriculum and blended learning should improve student engagement and save you time...if done right. Learn how health science teachers like you use the flexibility of HealthCenter21 to stay organized, build better learning experiences, and provide more options for their students - no matter where learning takes place.

Session 10: Virtual Health Science and Everything New

Presenter: Linda Creech

CEV curriculum platform is always changing. New, exciting, and rigorous curriculum and certification opportunities for students. CNA preparation is now onboard. The curriculum is a breeze for teachers to teach AND engage students in the classroom, as well, as at home.

Break 1:30 p.m. – 2:00 p.m.

Great Opportunity to Visit Virtual Exhibit Hall

HOSA Update and More 2:00 – 3:00 p.m.

General Session for All Attendees (Except Teachers New to HOSA)

Presenter: Janet Villarreal, Texas HOSA Executive Director

Learn more about HOSA Competitive Events updates and what new in Texas HOSA

HOSA 101 for New Teachers 2:00 – 3:00 p.m.

Session for New Teacher and Teachers New to HOSA

Presenter(s): Janet Villarreal, Texas HOSA Executive Director & Anne Regier, Texas HOSA Competitive Events

Learn steps to become a successful HOSA advisor. How to start a chapter, affiliate members, advisor responsibilities and more

Break 3:00 p.m. – 3:30 p.m.

Great Opportunity to Visit Virtual Exhibit Hall

Group 3 Breakout Sessions 3:30 p.m.– 4:30 p.m.

Session 11: CareerSafe Online: Safety Education for America's Future™

Presenter: Chelsea Lebeda and Amy Gallagher

While medical professionals lead the charge in fixing injuries, they are not immune to them. CareerSafe's mission is to deliver Safety Education for America's Future and that includes our future healthcare specialists. As the healthcare industry continues to grow, we are committed to offering affordable, informative and innovative OSHA 10-Hour safety training to reach as many young workers as possible and to build a culture of safety in educational institutions.

Session 12: BUT I DON'T LIKE BLOOD AND GUTS!

Presenter: Drieca Hopkins

Have a student not quite interested in the clinical side of medicine? In this session, we will discuss the importance of the medical administrative professional. Students will understand the importance of the business of medicine that does NOT include direct patient contact.

Session 13: The Truth about Tobacco and Vaping: What preteens and teens should know

Presenter: O'Neak Henigan

The Truth about Tobacco and Vaping Presentation targets the primary ages when youth are making decisions about tobacco and educates them on the dangers of tobacco, nicotine, e-cigarettes, as well as, provides them with skills to refuse tobacco products. The program is aligned with MD Anderson's End Tobacco and has plan strategies to reduce the prevalence of cigarette use by children and adolescents and reduce the proportion of non-smokers exposed to second-hand smoke.

Session 14: Pharmacology for Medical Careers that leads to national certification (CPHT)

Special Prizes and Incentives For Attending This Session!

Presenter: Brianna Marshall

"Pharmacology is a necessary component of each medical career choice. So, why not choose a career in pharmacy and go to work with a certification during high school! Using a complete online program your students may study and prep for a national certification all the while becoming job ready!"

Session 15: Being a Control Freak May Be Good for Your Health Science Program!

Presenters: Nancy Allen and Laura Morris

"Control what you can control! And meet a friend, NCHSE—the national authority for health science education! How can the National Consortium for Health Science support you?

- 1) Confirming Your Curriculum
- 2) Expanding Your Classroom Resources
- 3) Implementing Assessments/Certifications
- 4) Integrating HOSA
- 5) Building Networks and Partnerships
- 6) Planning for Professional Development

Break 4:30 p.m. – 5:00 p.m.

Great Opportunity to Visit Virtual Exhibit Hall

New Teacher Happy Hour with THOA Area Directors and Mentors

7-8:30 p.m.

Virtual Games and Prizes

Sponsored by THOA

This social is outside of the conference and a separate Zoom link will be sent to all attendees to participate.

This will not be part of the recorded conference so don't miss out.

Wednesday July 22, 2020

School Law for Texas Teachers 8 a.m. – 9 a.m.

General Session for All Attendees

Presenter: Attorney Jay Brim

"Teachers face an amazing array of challenges every day, and unfortunately some of those challenges require professional representation. Find out what you might be facing in the near future, if you haven't already had it happen to you"

Break 9:00 a.m.-9:30 a.m.

Great Opportunity to Visit Virtual Exhibit Hall

Group 4 Breakout Sessions 9:30 a.m. – 10:30 a.m..

Session 16: Hands-On Body Systems: Delivering the most important nutrient...O2!

Presenter: Starla Ewan

Instructors will receive teaching techniques and affordable hands-on easy to use lessons for guiding students through constructing the components of the cardiovascular and respiratory system to demonstrate how these two systems interact to provide pick-up and delivery of oxygen to all cells of the body.

Session 17: The Apprentice Dr. Helping Future Medical Professionals Reach Their Dreams

Presenters: Jeannine Lowrance and Dr. Anton Scheepers

The Apprentice Dr. Corporations mission is to assist aspiring medical professionals with suitable medical and surgical simulation training resources and events. Check out our Future Doctors Academy, simulation products, courses and kits. Learn about Apprentice Dr. Chapters and how to start one at your school.

Session 18: vSim for Nursing Remote Simulation of Independent Learning

Presenter: Jeanie Staton

vSim® for Nursing, co-developed by Laerdal Medical and Wolters Kluwer, helps nursing students hone their prioritization, clinical reasoning, and decision-making skills in a safe and realistic online environment. Featuring scenarios authored by the National League for Nursing, vSim for Nursing offers flexible and scalable, self-directed learning solutions that guide learners through complete courses of study.

Session 19: So you want to write a book?

Presenter: Tana Holmes

As a published author, I am always excited by how many people tell me, "I've always wanted to write a book!" Whether it's a memoir, the next bestselling romance, a faith-based book, a children's picture book, or a novel, I can help you get started and help you avoid the pitfalls. Tune in and we'll start with your "mind map," discuss traditional publishing vs self-publishing, how to find editors and illustrators, social media, and marketing. You can do this!

Session 20: Creating Access to Health Careers through your CTE program

Presenters: Jen Dehn and Ashley Carlson

Allied health professionals play a critical role within healthcare institutions. Learn how to develop pathways to certification and healthcare employment.

1. Identify the best certifications to align with your program
2. Help your students prepare to work in the healthcare profession
3. Create curriculum that aligns with the workforce demands

TEA Updates 11:00 a.m. – 12:00 a.m.

General Session for All Attendees

Lunch 12:00 Noon – 1:30 p.m.

Great Opportunity to Visit Virtual Exhibit Hall

Group 5 Breakout Sessions 1:30 p.m. – 2:30 p.m.

Session 21: Hands-On Body Systems: Facial Anatomy

Presenter: Starla Ewan

Instructors will receive hands-on teaching techniques and lessons that cover the skeletal, muscular, and neural facial components that can be applied to anatomy, health science, forensics, dental, and cosmetology curriculum. These great lessons help make difficult material easier to understand and increase student learning, retention of material, and execution of dental skills.

Session 22: How to Start a CNA School

Presenter: Victoria Randle

Ever thought of opening your own CNA school? Love teaching and making an impact in the lives of your students? We will show you how to do just that. This session will provide information on actionable steps you can take now to start a CNA school. We will also provide information on how to use our services to do so. We will discuss: 1) First Step Actions 2) What to consider when business planning 3) How to identify a location based on need 4) Entrepreneurship Considerations 5) CNA School Start-up Costs, and 6) Live Q & A Session

Teens in the Driver Seat: How to address traffic safety with your students

Session 23: Presenter: Lisa Minjares-Kyle

Teens in the Driver Seat® is America's first peer-to-peer safety program for young drivers and passengers. Teens involved in TDS learn ways to develop and deliver effective safety messages to their peers. This program is ready with resources for your organization to begin changing lives at your school.

Session 24: Free Digital Curriculum with EVERFI: The Digital Approach to Health Science

Presenter: Kim-Jamy Nguyen

As we move to a more and more digital world, teaching foundational health science concepts in a meaningful and interactive way is essential for students' academic success. EVERFI provides free, digital programs that can help teach important health science concepts in an engaging way. This session will highlight EVERFI's FREE digital resources surrounding topics like different STEAM careers, prescription drug safety (the roles of various prescription drugs and alcohol on the brain), mental wellness basics, and more. Teachers will see how technology can assist in learning these concepts, how to setup their teacher account for the upcoming school year and how these programs fit within their scope and sequence for health science.

Session 25: Bringing Textbooks to LIFE!

Presenter: Kendall McDowell

Tired of searching the web for ideas to make your class fun? Needing so tried and true projects to make your content come to life? In this session, you will be learning different projects to do with your classes to make content fun and easy to learn!

Break 2:30 p.m.-3:00 p.m.

Great Opportunity to Visit Virtual Exhibit Hall

3:00- p.m. 4:00 p.m.

General Session for All Attendees

Live Q & A with THOA Board and New Teacher Specialists

Closing Ceremony 4:00 p.m. – 5:00 p.m.

General Session for All Attendees

Grand Awards Ceremony and Door Prize