

2020 National Health Science Conference

Keynote Speakers	Title	Session Description
Avish Parashar	Ding Happens!	How to improvise, adapt, and innovate in an ever-changing world.
Avish Parashar	Ding Happens Deep Dive	Stop saying "yes but" and instead say "yes, and!" to: -Navigating Change and Disruption -Improving Leadership and Engagement -Unlocking Their Own Untapped Potential
Missy Nicholas - Greeta Russell	RESET	Motivated by the decline of playful childhoods and connected friendships, Missy Nicholas and Greeta Russell present RESET. This talk is designed to walk parents, guardians and educators through RESETing their children's relationship with technology by acknowledging the effects of excessive screen time and giving practical advice on how to take action.
Missy Nicholas - Greeta Russell	Conflict Deficit	Join us in exploring the idea that resolving conflict is more about relational dynamics than differing ideas or opinions. Wouldn't it be nice to go through your days with students, coworkers and administration without the power struggles? Learn how to create a conflict deficit by preemptively dissolving and avoiding it through relational means. This session will give you practical tools for relating to others in collaborative ways that prove, in conflict, the issue is rarely the issue.
National Health Science Conference Workshop Sessions		
Presenter	Proposed Session Title	Session Description
*Indicates vendors NOTE: Some workshops are duplicated in more than one category.		
Health Science Curriculum & Resources		
Chris Churma - Bryan Shelly	The Economics of Healthcare in a Pandemic	2020 Has been the most tumultuous year most of us can remember, especially for healthcare workers. Besides the pressing COVID crisis and its impact on their jobs, these workers must contend with the stress of economic tough times. This webinar will shed light on the future of both the economy and healthcare workers' place in it. Churma Economics will present its latest forecast on the economy's growth in the near future and data that shows the career prospects for various careers in the healthcare industry.
Denise DuBois*	Integrating Leadership Soft Skills into Your Health Science Program	Young people in today's health science programs will be the next generation of leaders in hospitals, clinics and public health. Genuine leadership opportunities support transition into being workforce ready, foster key workforce skills, instill character and provide transferable career skills. Learn how to help future healthcare workers develop leadership skills and character by providing real-life scenarios for practice. The session will include specific lessons, activities and resources for integrating leadership soft skills into allied health programs of study.
Starla Ewan* Workshop 1	Starla's Hands-On Body Systems: Construction of Cardiovascular Diseases	Instructors will receive teaching techniques and affordable hands-on easy to use lessons for guiding students through the development of common cardiovascular diseases. These lessons guide students to understand the changes that take place resulting in the development of hypertension, heart attacks, strokes, aneurysms, and congestive heart failure. Teachers will also receive activities on how to apply student research, case study activity, and lifestyle changes can reverse some of these diseases. Participants will take away their 'constructed diseases' at the end of the workshop to take back to their classrooms!
Karen Edwards - Revati Masilamani	Teaching the Great Diseases	This session will provide resources for Health Science Educators to better teach Infectious Diseases, Cancer, Neurological Disease, and Metabolic Diseases using the Great Diseases Curriculum free from Tufts University. Explore ways to enhance your knowledge and then your students through written lessons the Great Diseases provides.
Lauren Griffiths* - Amy Gallagher*	CareerSafe Online: Safety Education for America's Future™	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.
Katrina Haynes - Rhonda Evatt	Teaching Through the Pandemic - What Health Science Teachers Need Right NOW!	NCHSE stands ready to offer new, highly engaging content aligned to the National Health Science Standards through the Health Science Curriculum Enhancements Version 6.0. First published in 2012, the enhancements have been a popular resource with teachers. Released in early August 2020, this version was developed by teachers for teachers. Predicted to be a classroom GAME CHANGER, now totally redesigned with content outlines, PPTs, activities, projects, videos, websites, test items with a major emphasis on the infusion of technology. Appropriate for face-to-face, blended or complete online instruction, this learning tool is loaded with over 500 files. Join our special session planned for health science educators to learn more and decide if this resource could be valuable for your classrooms.
Lou Ann Lively - Toni McLemore	Fun and Learning and Organization Oh My!	Do you want your students to learn and remember? Be able to teach students to take notes, help students get organized, and to use clay to make body systems so they can understand the body? But most of all how to have fun, give important facts, and help students remember what they have learned? This session will show you how to accomplish those goals using the Anatomy in Clay Torziken.
Amber Morris	Public Health Curriculum in the 21st Century	In our current climate of an active pandemic, public health has taken center stage. This attention has brought much interest to the public health career field. Public health is a multidisciplinary pathway that promotes good health and quality of life in various populations by incorporating epidemiology, biostatistics, and health services. In SC, we are starting a Public Health Pathway in Health Science Education. Public Health/Epidemiology instruction has expanded in part because it increases student critical thinking and scientific literacy, promotes students' perception of public health as both practical and relevant, and empowers students as independent, lifelong learners. Embedding the public health curriculum into existing and continually shifting curricula is challenging and time-consuming, especially for teachers not trained in the field. Currently, available teaching resources emphasize content rather than thinking skills. They, therefore, do not optimally promote students' engagement with an in-depth understanding of the mission and goals of public health. With support from the SC DOE, I propose a new framework for high school health science courses drawn from progressive education ideology. This presentation will provide multiple examples to show how this public health curriculum has been used in my classroom to increase critical thinking skills in high school students.
Mandy Nau	What's New with Health Professions Week?	Health Professions Week (HPW) is a virtual event which allows teachers and students to explore over 20 careers in the health professions. HPW is supported by online and virtual events which focus on career awareness & education. HPW is designed to increase the diversity of young people interested in pursuing a health career. By targeting students who are still deciding on their career path, there is an opportunity to reach a broader and more diverse audience to educate them about the benefits of pursuing a health professions program. The objectives of this session include an overview of outcomes from previous HPW events, ways to introduce HPW to students and classrooms and the benefits of participating as a teacher.
Ashley Orr	Establishing Your Middle School Health Science Curriculum and Program	The growing demand for healthcare professionals is at all time high! Learn how to organize data for projected in-demand jobs for your state to support the development and delivery of your middle school health science education program. By raising awareness early, students are better prepared to enter their high school health science education program with an enlightened perspective and enthusiasm for becoming future health professionals.
Karen Smith	Self-Care Essentials: The POWER of YOU	In today's society, demands upon our time leave little for YOU. We often neglect to recognize self-care as a priority. YOU have the "POWER to take care of YOU!" When you travel in an airplane, the flight attendant reminds you to put on your own oxygen mask before rendering aid to others. Your oxygen levels must remain therapeutic in every aspect of life, right? Essential questions: How do you take care of you? How do you approach Self-Care? Are you a priority? You are encouraged to attend this session on Self-Care Essentials: The POWER of YOU. Karen Ruble Smith, RN and "seasoned" Health Science Educator, will share stories with you where she was reminded that an essential part of life is finding the POWER of YOU. Everyone "takes-away" something!
Linda Spahr - Stephanie Morell	Prepare Students to Lead and Serve for Health & Science Change	Lead4Change is a free program that teaches leadership and includes a structured service project so students can practice their skills while making real change in their school, community and the world. For health sciences students, Lead4Change can be the place (even virtually) where they find purpose and connection to take their subject knowledge and use it for leading change. Educators register for free at Lead4Change.org
Jackie Uelton	CERT Programs in High School	Within a Health Science program you can add additional training with the Community Emergency Response Team program. It helps students to learn disaster preparedness and more about emergency management.
Dan Whisler - Clelia McCrory	Innovative and Engaging Activities for Teaching Health/AP in FTF and Distance Learning	Looking for ways to engage students in lessons on learning of human body systems in both the traditional FTF (face-to-face) classroom setting and in remote, distance learning situations? If so, then this session is for YOU! The demand for skilled professionals in the health care industry is high all across the United States, so this workshop is designed to assist you in your efforts to help students learn more about the human body and the many career opportunities that are available. Presented by an A&P teacher with 30+ years of experience in the classroom along with a CTE regional support person, this breakout session will use both ppt slides and interactive activities via a document camera to demonstrate distance learning opportunities that engage students in hands-on learning using the Torziken model.
Linda Wirt Workshop 1	It's All Fun and Games	Students today are used to interacting through video games, apps or other digital means that they feel are fun and entertaining. The idea of teaching or reviewing material in a fun and interactive format is not new to the field of education but has been proven to be the most successful way to keep students' attention. Learn how to bring the use of some "classic" games into the world of health science to keep the students engaged in the process. You will learn how to adapt some well-known games such as Simon Says, 20 Questions, Heads Up, Pictionary, Jeopardy, Scattergories, Balderdash and more. Learn both in person and virtual options for keeping review and reinforcement of material fun and interesting.
Classroom Management		
Jama Cochrane	Will the Bell Ever Ring?	This session covers a variety of quick and easy tricks and tips to keep your class moving and engaging from bell-to-bell. Learn how a simple change of phrase will get you the results you and your students want. A pack of index cards will make you look like a superstar to students and administrators alike. One-minute transitions and five-minute fillers will give you the tools you need to keep everyone on their toes and excited to come back the next day.
Starla Ewan*	Handling the Challenging Student and Situations They Create!	Great ideas to arm you to handle the challenging student who Terrorizes you, Undermines you, is Rude, and Disrespectful (a.k.a. 'The T.U.R.D.'). Executing these simple techniques can turn this student(s) around and prevent them from interrupting the learning environment of others or take you out of your 'teaching game.' These successful and proven techniques will give you preparation, confidence, and the foresight to prevent damage by students who enjoy creating trouble.
Utilizing Technology		
Michael Carbenia	Enhancing Health Science Programs with Virtual and Augmented Reality	Students know computers, they've seen 3D movies, but now they can pick up, manipulate and explore the human anatomy by "lifting" organs from the computer screen. From examining bone fractures to dissecting human hearts, students are demonstrating a deep level of engagement in healthcare when using augmented and virtual reality - and finally, there is evidence to support student outcomes. In this session, attendees will discover how Health Career students are using AR/VR as a part of their curriculum to prepare for college and future health careers. Attendees will gain perspectives from former CTE Director, Michael Carbenia on funding new technology and implementation strategies for building AR/VR into their allied health curriculum and aligning to industry certifications like NOCTI and others.
Karen Edwards	Rockstar Pre-recorded Lessons for the Flipped Classroom	During this session participants will learn the basics of flipping their classes. How to navigate pre-recorded lessons using educreations and screencastify, the structure of a flipped class and helpful tips for a successful flip.

Katrina Haynes	Beginner help with Google Docs/Sheets/Forms/Drive	Teachers who are new to Google apps will learn the basics of Google Suite and how helpful these can be with distance learning.
Katrina Haynes	Chrome Extensions Will Save Your Sanity!	If you use Google Chrome as a browser, you absolutely must use these "extensions" to help you save time and energy in your business or classroom. Change your email, Google Classroom, and your life with extensions.
Peggy Moore - Heidi Kaschke - Crista Goehring	Building Online, Interactive Modules: How we did it and how you can too!	uBEATS is a new free, online library of best educational resources that integrate health sciences into 9-12 grade science classrooms. Developed using NOSS, the uBEATS library of interactive modules is built for teachers and students over topics such as Genetics, Pathology & Microbiology, Pharmacology, Cancer, and Health Science Careers. Each module has a teacher guide to assist with aligning the module to your curriculum. In this session, come to learn about the uBEATS mission to inspire students to pursue health science careers and how to access the uBEATS library of online resources. We will also discuss the E-Learning Scorecard, designed to ensure educational best practices for developing engaging online learning modules. This session is for anyone wanting to utilize ready-made online resources
Callie Roberts	Benefits of a Virtual Healthcare Internship	This session will explore the different benefits of a virtual healthcare internship for students who wish to gain real-life, work-based experience as they explore healthcare professions. This session will also discuss United Planet's virtual internship program and global healthcare project options.
Margy Schaller	Maximizing Your Teaching Impact With Well-Designed Slides	Did you know that 75% of learning is done visually? Are you aware that students judge content quality based on whether it looks modern enough? Margy Schaller is a presentation coach and designer with 22 years in the healthcare space. During this 1-hour webinar, she will show you some neuroscience-based, easy-to-implement slide design tips that will give your presentation both credibility and memorability. Through a series before and after slides, you will come to appreciate that a little bit of time and attention can go a long way, especially when presenting in an online format.
Tiffany Shockley	Giving Health Science a New Lens Moving into the 21st Century	Health science education runs in the realm of STEM education. Technological innovations have given rise to new technological and scientific needs. Health science textbooks tend to focus on employment opportunities that have been in existence for decades if not centuries. A big part of what has been missing in our current pedagogical practices is the linkage between health science and the many new advancements in health and scientific technologies that are used in every facet of healthcare which range from clinical practice to administrative functions. The World Economic Forum asserts that 60% of jobs in the future do not currently exist. However, the skills that are needed such as adaptive thinking, and an understanding of new and emerging healthcare technologies are not currently being taught. The focus of this presentation is to help health science educators bridge the gap between academics to the 21st century workforce. This is done via the use of the Anatomage Table, which allows specific techniques to be used in the classroom that educational practitioners use today. During this session attendees will be introduced to the features of the Anatomage Table. They will also learn how the Table is integrated into the standards based comprehensive classroom setting and be provided examples of activities and curriculum used on the Table. Aaron Volkoff will explore how the Anatomage Table is incorporated into a rich variety of curricula and subjects. He will provide an example of a learning technique called the S-E learning cycle. This presentation also covers funding options and justifications for
Aaron Volkoff*	Preparing Science Students for the Workforce with a Digital Cadaver	
Teaching Strategies		
Jama Cochrane	Will the Bell Ever Ring?	This session covers a variety of quick and easy tricks and tips to keep your class moving and engaging from bell-to-bell. Learn how a simple change of phrase will get you the results you and your students want. A pack of index cards will make you look like a superstar to students and administrators alike. One-minute transitions and five-minute fillers will give you the tools you need to keep everyone on their toes and excited to come back the next day.
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Katrina Haynes - Rhonda Jones	Teaching Through the Pandemic - What Health Science Teachers Need Right NOW!	NCHSE stands ready to offer new, highly engaging content aligned to the National Health Science Standards through the Health Science Curriculum Enhancements Version 6.0. First published in 2012, the enhancements have been a popular resource with teachers. Released in early August 2020, this version was developed by teachers for teachers. Predicted to be a classroom GAME CHANGER; now totally redesigned with content outlines, PPTs, activities, projects, videos, websites, test items with a major emphasis on the infusion of technology. Appropriate for face-to-face, blended or complete online instruction, this learning tool is loaded with over 500 files. Join our special session planned for health science educators to learn more and decide if this resource could be valuable for your classrooms.
KA'Sandra Leer	Active Learning Strategies	The session includes specific activities and best practices that engage students. The presentation will teach how to integrate activities into the classroom with specific steps and tips to make a seamless transition to active learning. Active learning strategies encourage critical thinking and enhance student learning outcomes. These strategies allow for students to practice skills and for the instructor to provide frequent and immediate feedback.
April Minster	Developing Essential "Soft Skills" in the Pre-Health Student	This session will provide a brief background on key emotional-social intelligence skills that positively impact academic and practice performance outcomes in health education and practice. A recent summary of the literature on the state of emotional intelligence in health education at the undergraduate level will be provided. There is evidence to support emotional intelligence significantly impacts academic performance, workplace outcomes, and role performance. Increasingly, health profession education programs are taking a holistic approach to evaluating candidates. To apply the best evidence, recommendations and examples of teaching and learning strategies for emotional-social intelligence growth will be provided. Examples will primarily be centered around the context of the skills and traits desired by health education and health profession.
Kevin Stalsberg - Zulma Perez-Estralla	Marrying the Stethoscope and the Petri Dish: Examples of Collaborative PBL	During the 2019-2020 school year, the health science and biotechnology programs began to explore collaboration in a cross-curricular fashion. This allows for meeting standards and competencies in differing programs. In addition, it creates authentic experiential learning to occur within real world project-based and problem-based lessons. We want to explore how we use these tools and implement collaboration as a learning opportunity for students. Finally, at the end of this session, participants will develop lessons that can be incorporated in the classrooms immediately.
Linda Stanhope - Kim Turnbull	Teaching Medical Terminology in 2021	Look at different teaching strategies to make "Medical Terminology" fun for both the instructor and students. Strategies include both online activities and hands-on labs, research, review games, case studies, quick quizzes and more.
Kim Smith*	Your Job is to Change Their Brains	Literally. As a health science teacher, your goal is to change the wiring in the brains of your students so that they can recall and use important information health science when they need it. Your job is to help students learn by changing their brains. How does the brain learn? How does it store the information you share in your classroom? Why do students forget so much of what they learn? And how can you teach in a way that changes their brains? You'll find some of the answers in this exploration of cognitive neuroscience.
Dan Whisler - Clelia McCrory	Innovative and Engaging Activities for Teaching Health/AP in FTF and Distance Learning	Looking for ways to engage students in hands-on learning for human body systems in both the traditional FTF classroom setting and in remote, distance learning situations? If so, then this session is for YOU! The demand for skilled professionals in the health care industry is high all across the United States, so this workshop is designed to assist you in your efforts to help students learn more about the human body and the many career opportunities that are available. Presented by an A&P teacher with 30+ years of experience in the classroom along with a CTE regional support person, this breakout session will use both ppt slides and interactive activities via a document camera to demonstrate distance learning opportunities that engage students in hands-on learning using the Torziken model and
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Linda Wirt Workshop 2	Creating Project Based Learning in Your Curriculum	How do you truly know if a student understands what you are teaching? Project-based learning, or PBL as it is referred to in the world of education, is a way to gain insight into the depth of understanding a student has about a topic, subject or idea. Activities that highlight one idea or concept does not necessarily mean the student understands the whole concept and its effect. It just means they understand the outcome or function from that activity. Learn to create a Project Based Learning project that will allow students to show they have gained insight and a true knowledge through solving a complex problem with extended time to research and investigate real world problems and challenges.
College Readiness and Preparation		
Julia Moffitt	Preparing students for a Career in the Medical Field - Nursing, Physician Assistant, Medicine,	This session will focus on specific things pre-health counselors and academic advisors can do to better prepare their students for entering careers in medicine. The talk will focus on counseling high school and undergraduate students to obtain the key academic milestones, clinical experiences, and how to best prepare for applications and interviews in these competitive programs.
Linda Richard	Promoting Your Students Successful Transition into the Workforce	The focus of my workshop will be looking at the history of the SEL movement and the role that career and technical programs play in the successful implementation of a balanced academic, social and emotional learning experience for the 21st century student. Additionally, the core values of school climate, student engagement and the concept of school connectedness as indicators of college and career readiness, acquisition of 21st century Skills as students transition into the post secondary workforce.
HOSA - Activities & Resources		
Toni McLemore	HOSA IS CO-CURRICULAR!	HOSA is not a club to which a few students in school join. Rather, HOSA is a powerful instructional tool that works best when it is integrated into the health science curriculum and classroom.
Bergen Morehouse - Jan Mould	Unlock Your Educational Potential with HOSA!	With the impact on school systems from COVID-19, it is more important than ever that health science classroom teachers have the support they need. Teaching is a challenging profession and is currently made even more so as the method of instruction is ever-changing. HOSA - Future Health Professionals has been a trailblazer in continuing to provide opportunities for both students and advisors. The completely virtual International Leadership Conference in June was reported by over 7,000 attendees as a success. The organization is continuing to support both teachers and students in a variety of ways in the new educational models. The presentation will outline the benefits for both teachers and students from participation in HOSA. Tools and resources, especially as related to competitive events, will
Linda Wirt	HOSA in the Classroom	HOSA provides health professionals the career and technical skills organization that can aid in their education. Students should be a part of their school. It has invaluable opportunities to grow as individuals, networking opportunities, community service and scholarships. One of the most popular aspects of membership is the competitive events that are offered at the state and international leadership conferences. Learn how to prepare your students to be more successful in their individual event. The biggest misconception of a CTSD is that it is an extra-curricular activity when in fact it should be a co-curricular activity. See how to incorporate the competitive events into your curriculum, help students choose the right event for them and make them responsible and accountable for each step of
Careers in Healthcare		
Cynthia Durley - Carolyn Breen	Professional workforce Readiness in Dental Assisting: Customized Curriculum Design	One of the fastest-growing healthcare careers in the U.S., dental assisting offers varied responsibilities and titles which differ by state regulation. State and national dental assisting career raters provide flexibility for professional growth through education and credentialing. Although most dental assistants learn on the job, increasing workforce needs, expanding scope of practice and the demand for high-quality patient care require comprehensive knowledge- and skills-based education. These valuable dental team members increase the dentist's efficiency while also being responsible for protecting themselves, their colleagues and their patients from infectious disease. Following many independent inquiries from dentists, national and state dental associations, career technical education departments

Lindsay Fox	The Career of Respiratory Therapy: Saving Lives One Breath at a Time	Respiratory therapy is an exciting and rewarding career centered around caring for all patient populations who have cardiopulmonary disorders that make breathing difficult. Respiratory therapists assess patients, perform diagnostic tests, administer treatments, and educate patients about their disease. Respiratory Therapists work in all Intensive Care Units (ICUs) where they are considered the experts in airway management and providing mechanical ventilation to critically ill patients. Due to an aging population and expansion of the profession, the job growth is estimated to increase by 28% by the year 2030. Unfortunately, the profession is not as well-known as other health professions and many people don't understand the role of the Respiratory Therapist. The current COVID-19 pandemic has put
Tamara Mandell*	Credentialing and Careers in the Bioscience Industry	Exciting, high-growth career opportunities in the bioscience industry are often overlooked, or even unknown to many students participating in biomedical programs of study. Knowledge and skill sets integral to many of these careers are traditional components of biomedical programs, and provide added value to students seeking careers beyond the health science professions. Come learn about bioscience industry careers, the national involvement of developing the industry recognized Biotechnician Assistant Credentialing Exam (BACE), and outcomes of credential earners.
Peggy Moore - Heidi Kaschke - Crista Goehring	Building Online, Interactive Modules: How we did it and how you can too!	uBEATS is a new free, online library of bioscience educational resources that integrate health sciences into 9-12 grade science classrooms. Developed using NASS, the uBEATS library of interactive modules is built for teachers and students over topics such as Genetics, Pathology & Microbiology, Pharmacology, Cancer, and Health Science Careers. Each module has a teacher guide to assist with aligning the module to your curriculum. In this session, come to learn about the uBEATS mission to inspire students to pursue health science careers and how to access the uBEATS library of online resources. We will also discuss the E-Learning Scorecard, designed to ensure educational best practices for developing engaging online learning modules. This session is for anyone wanting to utilize ready-made online resources
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Tiffany Shockley	Giving Health Science a New Lens Moving into the 21st Century	Health science education has remained the same for decades if not centuries. A big part of what has been missing in our current pedagogical practices is the linkage between health science and the many new advancements in health and scientific technologies that are used in every facet of healthcare which range from clinical practice to administrative functions. The World Economic Forum asserts that 60% of jobs in the future do not currently exist. However, the skills that are needed such as adaptive thinking, and an understanding of new and emerging healthcare technologies are not currently being taught.
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Nicholas Wells - Lisa Wells*	How to Guide Students into a Career in Pharmacy	With the limited number of educators with experience in the pharmacy industry, this session will present information for educators to use in guiding students into careers in a pharmacy setting. Whether your student's final objective is to work in a hospital setting or a retail pharmacy, this session will equip you with answers to guide them on their way!
WBL and Clinical Practices		
Roxanne Jones	Expanding the State Mandated CNA Curriculum through Community Engagement	The CNA Signature Project of the Shawnee Mission School District enable's you to "think outside the box." It will be a game-changer for your students, give a true confidence boost, provide meaningful service to the community and a meaningful experience for launching your students into clinical's successfully.
Callie Roberts	Benefits of a Virtual Healthcare Internship	This session will explore the different benefits of a virtual healthcare internship for students who wish to gain real-life, work-based experience as they explore healthcare professions. This session will also discuss United Planet's virtual internship program and global healthcare project options.
Partnership Building		
Chris Churma - Bryan Shelly	The Economics of Healthcare in a Pandemic	2020 has been the most tumultuous year most of us can remember, especially for healthcare workers. Besides the pressing COVID crisis and its impact on their jobs, these workers must contend with the stress of economic tough times. This webinar will shed light on the future of both the economy and healthcare workers' place in it. Chmura Economics will present its latest forecast on the economy's growth in the near future and data that shows the career prospects for various careers in the healthcare industry.
Anne Louise DeBord - Leigh Anne Hilbert	Four Diamonds Mini-THON: Funding Pediatric Cancer Research	Four Diamonds Mini-THON is a student-led turnkey project that is hosted in close to 300 schools with more than 90,000 students participating and raising over 7.2 million dollars last year. This program will augment the teachings of the classroom where students can participate in experiential learning and apply their classroom knowledge within their community by fundraising for pediatric cancer research. Childhood cancer is the leading cause of death by disease in the US. The national budget only provides 4% of its funding to pediatric cancer research. Families rely on programs like Four Diamonds Mini-THON to supplement the research. Your students can be part of finding a cure through this hands-on program developing their leadership skills, critical thinking and improving school culture.
Connie Gandy & Kevin Stalsberg	New to Education? Transitioning to the Secondary Classroom	Health Science is welcoming industry experts into the secondary classroom at an increasing rate. Many of those experts have not spent extensive time working with the unique demographic, i.e., secondary students. This presentation addresses the importance of pairing with a pedagogical colleague who possesses the experience and expertise to help ease the transition from working in the health care industry or the post-secondary classroom into the secondary classroom. Highlights include the value of that relationship, the importance of SEL and improving student engagement through differentiation and challenging/rigorous learning.
Certifications & Credentialing		
Mike Cargill - Clelia McCrory	Health Science Industry Certification Supports Using Self-Directed Distance Learning	Students need to see how their core science learning relates to health science! After serving as a zoo director for 33 years or which about 20 years he also did medical education veterinary zoo care, the presenter has been teaching high school science for the past 10 years. He has developed a health careers pathway with a strong partnership with the local rural hospital and WILL share specific activity supports he has developed for the various health science industry-recognized certifications! When the pandemic hit, his students continued moving forward using his self-directed technology learning supports for the various health industry certifications: Certified Nurse Aide, Certified Medication Aide, Medical Lab Technician, Certified Pharmacy Technician, and Certified Phlebotomy. Contact information will be shared at the end of the session.
Laura Flynn - Jennifer Dehn*	Creating Access to Health Careers through your CTE Program	Your students are the future of healthcare. As an educator, you provide them with a solid educational foundation to help position them for a successful career. Providing your health science students access to an industry-recognized credential gives them access to hands-on experience, increased post-secondary attainment opportunities, and can empower them to enter a high-wage, high-demand profession. Learn best practices from programs that have implemented certifications. Gain insights on how to identify the best certifications for your program, the steps to help your students prepare, and how to create curriculum that aligns with the workforce demands. Additionally, we will talk through tips and tricks for helping programs meet credential requirements during the COVID-19 challenges.
Lauren Griffiths - Amy Gallagher*	CareerSafe Online: Safety Education for America's Future™	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.
Tamara Mandell*	Credentialing and Careers in the Bioscience Industry	Exciting, high-growth career opportunities in the bioscience industry are often overlooked, or even unknown to many students participating in biomedical programs of study. Knowledge and skill sets integral to many of these careers are traditional components of biomedical programs, and provide added value to students seeking careers beyond the health science professions. Come learn about bioscience industry careers, the national involvement of developing the industry recognized Biotechnician Assistant Credentialing Exam (BACE), and outcomes of credential earners.
Jackie Uelton	CERT Programs in High School	Within a Health Science program you can add additional training with the Community Emergency Response Team program. It helps students to learn disaster preparedness and more about emergency management.