

2024

ANNUAL REPORT



NCHSE

National Consortium for
Health Science Education

GUIDING PRINCIPLES

The National Consortium for Health Science Education, a non-profit education organization, represents state education agency leaders responsible for middle school, secondary, and postsecondary career technical education (CTE) health science programs. Established in 1991, NCHSE supports visionary leadership, promotes best practices, and speaks with one voice to promote career success for the next generation of health professionals. Through partnerships with publishers and resource providers, professional associations, certification providers and the Health Science Educators Association (HSEA), NCHSE is positioned as the national authority for health science education.

MISSION

To serve as the authority for health science education, providing a framework of standards and collaboration, leading to high-quality healthcare professionals.

PURPOSE

NCHSE is the health science authority providing resources, professional development, and standards to create connections between educators, industry, and professional organizations, cultivating a superior healthcare workforce.

VALUES

Collaborative, Committed,
Service-Oriented, Expert, and
Responsive

EXECUTIVE DIRECTOR'S MESSAGE

Staying True to Our Vision



To our valued NCHSE members and supporters,

I am excited to present the 2024 Year-End Annual Report, a reflection of the remarkable achievements we've made together. Over the past year, the National Consortium for Health Science Education (NCHSE) has continued to excel in advancing our vision as the national authority connecting health science education to industry.

First and foremost, on behalf of the entire Executive Council,

I want to extend my heartfelt gratitude to you—our members and partners. Your commitment and support are the driving force behind the unprecedented success we have achieved.

As we enter the second year of our bold strategic plan, we remain steadfast in our mission to prepare high-quality healthcare professionals. This year, we've made significant strides promoting the National Health Science Standards and valuable resources, increasing industry recognition, and offering engaging professional development. These efforts are building stronger connections among educators, industry leaders, and professional organizations and helping to cultivate a workforce that meets the demands of a rapidly evolving healthcare landscape.

As you explore the successes and outreach opportunities highlighted in this report, we trust you'll recognize that NCHSE's value has never been greater. Together, we will continue to elevate health science education, transform classrooms nationwide, and create lasting impact.

Thank you for being a vital part of this journey. It is through your dedication that we bring to life our shared theory: Better Health Science Education | Better Healthcare.

With gratitude,

A handwritten signature in black ink that reads "Nancy H. Allen". The signature is written in a cursive, flowing style.

Nancy H. Allen
Executive Director

CHAIR'S FAREWELL MESSAGE

Determination Brought Us Here; Hard Work Will Keep Us Moving



It is sometimes amazing how quickly we look back and realize that what we thought felt like a tremendous task ahead turned out to be one of our most valued experiences. When I reflect on the last two (2) years that I've been blessed to serve as the National Consortium for Health Science Education (NCHSE) Chair, I'm filled with overwhelming accomplishment. This feeling of accomplishment isn't because of the work I've personally achieved, but through a team of key players, each dedicated to the task at hand, our future healthcare providers.

As part of long-term strategic planning, NCHSE's values were developed by the Executive Council through a collective approach. As we each shared key adjectives that we believed best represented our Consortium, the work we've taken such pride in began to shine through. This **COLLABORATIVE** and **SERVICE-ORIENTED** group of individuals, as I often like to state, consists of many competitors who have become friends, strive to connect their knowledge, resources, and talents to better serve health science educators across our nation. This same team of **COMMITTED** individuals pauses their daily work to prioritize NCHSE's allegiance to serve State Leaders, who through

their **RESPONSIVE** and **EXPERT** guidance, provide educators valuable tools and resources to better assist students with foundational healthcare knowledge.

The work we accomplish together is dynamic as we challenge ourselves to always serve as the authority for health science education, providing a framework of standards and collaboration, leading to high-quality healthcare professionals. As I transition to Past Chair, I will look back with great pride in knowing that I walked in as a team member and have left becoming FRamily. Within each of our careers, the pinnacle moments are those we reflect on as the opportunities that made us better in our daily roles. For me, this experience serves as a highlight in my role as a State Leader, a former educator, and a healthcare provider. There are no words that I could share to properly thank Nancy Allen, NCHSE Executive Director, for her piece in my puzzle of success. She has longtime served as the heart of this organization. To each of you, I will continue to champion this work because of you and with you, as we stand together as the national authority connecting health science education to industry!

Sincerely,

Shelly C. Wehmeyer, NCHSE Chair
Missouri Health Science State Leader

The Power of Servant Leadership



2024 NCHSE EXECUTIVE COUNCIL

Shelly Wehmeyer, *Board Chair*
Angel Clark, *Chair-Elect*
Lara Morris, *Past Chair*
Denise DuBois, *Secretary*
Nicholas Wells, *Treasurer*

Membership Category Representatives

Health Science Educators Association - Lissa Bartle
Health Science State Leaders - Celina Mills
Postsecondary | Secondary Institutions - Kela Gowan-Gant
Professional Associations - Kathy Cilia
Publishers | Resource Providers - Mallory Dufek

Ex Officio

Nancy H. Allen, *Executive Director*
Cindy LeCoq, *Certificate Program Manager*
Robbie Rauzi, *Certificate Partner*



MAJOR NCHSE ACCOMPLISHMENTS OF 2024

- Welcomed new members across all membership categories
- Hosted the HSEA Pre-School Kickoff Seminar: Ignite the School Year: Health Science Strategies for the New School Year
- Established new contracts with C&T Strategies (events management) and MPact (marketing firm)
- Enhanced social media presence, reaching 4.1K members in the HSEA Facebook Group
- Validated test items for four stackable certificates in the NCHSE Certificate Program
- Recognized as an influencer in Advance CTE's Modernized National Career Clusters® Framework Project
- Achieved a significant increase in conference sponsorships
- Advanced key initiatives from the 2024 Annual Meeting, including:
 - Succession planning for the NCHSE Executive Director
 - Bylaw and policy updates
 - Marketing for National Health Science Standards (NHHS) and the NCHSE Certificate Program
 - Orientation and support for Health Science State Leaders
 - Expanded HSEA recruitment and member benefits
 - Secured letters of support for NHHS from the Tri-Council of Nursing, Health Professions Network (HPN), and the American Association of Respiratory Care (AARC)

The achievements of 2024 stand as a testament to the power of visionary leadership and collective dedication. Guided by a clear purpose and fueled by innovative thinking, we have not only met but exceeded our goals, setting new benchmarks for success. This year's accomplishments reflect the strength of our collaboration, the resilience of our teams, and the unwavering commitment to advancing our mission.

Events | Annual Meeting



JANUARY 24-25, 2024



GLENDALE, ARIZONA
Renaissance Hotel & Conference Center



70 IN ATTENDANCE
members and guests



MEETING HIGHLIGHTS:

Revealed a three-year strategic plan with an emphasis on increasing revenue, promoting member engagement and ensuring long-term financial stability to ensure NCHSE's value is expanded, scaled, grown, and increased. Roundtable discussions focused on increasing membership and marketing efforts, rebranding, and strengthening partnerships and ties to industry.

Special presentation from the Mayo Clinic in Phoenix, Mayo Clinic Cares, a high school program focused on career advancement research. The program exposes students to a wide array of health careers and provides hands-on opportunities.



INSTALLATION FOR NEW OFFICER & MEMBERSHIP REPRESENTATIVES

- Secretary (two-year term) – Denise DuBois (Realityworks)
- Membership Category Representatives (two-year terms)
 - Publishers/Resource Providers:
Mallory Dufek (G-W Publisher)
 - Health Science State Leaders:
Celena Mills (Michigan Department of Education)
 - Professional Associations:
Kathy Cilia (American Medical Technologists)
 - Postsecondary and Secondary Institutions:
Kela Gowan-Gant (Eastern Virginia Medical School)



LEADERSHIP LEGACY

For her fifteen years of dedicated service as a NCHSE member representing the Georgia Department of Education, committee chair, and board chair, Phyllis Johnson was recognized with the highest honor given by NCHSE - life membership. Phyllis shared that NCHSE holds the key to opening doors for students to health professions and their successes. No one person can whistle a symphony – it takes a whole orchestra.

Events | National Health Science Conference

EMPOWERING HEALTH SCIENCE EDUCATION: UNMATCHED NETWORKING EVENT

The National Health Science Conference is the gateway to:

- Elevating student engagement and outcomes
- Advancing teaching techniques and instructional practices
- Integrating innovative technology into the classroom
- Sharing proven strategies and best practices
- Strengthening nationwide consistency with the National Health Science Standards and NCHSE Certificate Program

These transformative professional development opportunities are designed for educators, administrators, and leaders shaping the future of health science education.



ATTENDEES AGREE

92%

Rated our speakers prepared and knowledgeable.

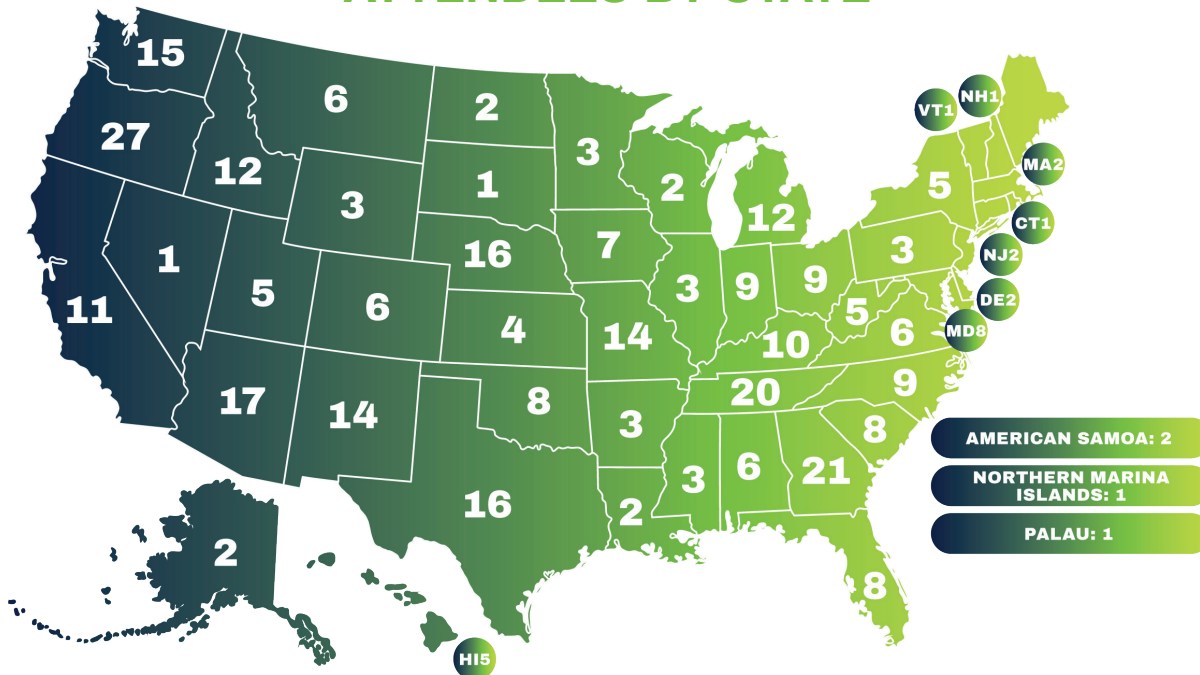
100%

Agree this was a well-organized event.

93%

Rated Exhibit Hall Quality.

ATTENDEES BY STATE



Events | National Health Science Conference



RECORD CONFERENCE NUMBERS

165 Pre-conference Attendees

66 Concurrent Sessions

366 Conference Attendees

50 Exhibitors

ATTENDEE TAKEAWAYS

“We are all in this teaching game together; working together and sharing ideas was amazing.”

“There are many valuable, free resources available for CTE teachers and tons of certificates that I can/could pull into the classes I teach!”

“Student engagement and retaining information has much to do with how it is presented to them (hands-on activities, song, etc.).”

“The keynote speakers were very inspiring to me. They showed me that it is ok to learn as the students are learning.”



Events | Vital Connections with Partners

BOOSTING AWARENESS AND STRENGTHENING OUR REPUTATION

- **Advance CTE Spring Meeting**
CTE at the Forefront
Arlington, VA
April 29 - May 1
- **Cardiovascular Credentialing International (CCI) Forum**
Houston, TX
May 30 - June 1
- **2024 HOSA International Leadership Conference**
Dare to Create
Houston, TX
June 26 - 28
- **THOA Health Science Conference 2024**
College Station, TX | Virtual
July 8 - 11
- **Pharmacy Technician Educators Council (PTEC) Conference**
Bridging Educators to Transform Futures
Charleston, SC
July 11 - 13
- **Advance CTE Fall Meeting**
Shaping CTE Education
Phoenix, AZ
October 21 - 23
- **Association of American Medical Colleges (AAMC)**
Theory of Change (ToC) Project Clarity Workshop
Washington, DC
December 2
- **ACTE 2024 CareerTech VISION**
San Antonio, TX
December 4 - 7



NCHSE-HSEA 2024 WEBINARS

- 01.17 Hot Topics in Health Science Education
- 01.31 Mental Health First Aid Info Sessions
- 02.07 Pharmacy Technician Education: An Ideal Offering for Career & Technical Education
- 02.21 Healthcare Simulations Best Practice Overview
- 03.06 Starting A New Patient Care Technician Pathway Program
- 03.20 Discovery Education & Connecting Health Sciences
- 04.10 Clinical & Employability Skills
- 04.24 HSEA Celebration-Approaching the End of the School Year
- 05.08 Ready to Get Practical? Hands-On Activities to Supplement Sports Medicine or Any Health Science Classes!
- 09.11 Tips for Teaching Birth Defects & Disordered Content
- 09.25 Color Thru Health Science
- 10.09 Enhancing Healthcare Career Readiness
- 10.30 Exploring Counseling & Mental Health Jobs
- 11.13 Smiles in the Classroom: Activities to Inspire Future Dentists
- 12.04 An Inside Look into A Successful IET: Aztec Pharmacy Tech

48 Collaborative Partnership Calls



Our Impact | NCHSE Certificates Answering the National Call for a Better Prepared Healthcare Student

In partnership with YouScience, the NCHSE certificates assess a student's knowledge of the eleven National Health Science Standards (NHSS) that are foundational to healthcare careers, provide consistency for health science curriculum and prepare students for future success in their education and career endeavors. The NCHSE certificates document the story of the learner's health science journey demonstrating the broad essential knowledge of healthcare rather than just isolated skills. The NCHSE certificates include the end-of-program National Health Science Certificate and four end-of-course certificates. The National Health Science Standards are supported by the Tri-Council of Nursing, the American Association of Respiratory Care (AARC) and endorsed by the Health Professions Network (HPN).

180,031

Health science exams administered since 2014

70,087

NCHSE Certificates earned since 2014

KEY BENEFITS FOR HEALTH SCIENCE EDUCATORS

Industry Standards
Curriculum Alignment

Built-in Data Reporting
Inform Classroom Instruction

Promote Student Success and
Well-Prepared Healthcare Workforce

HOSA INTERNATIONAL LEADERSHIP CONFERENCE CERTIFICATE LAB STATISTICS

31

Exam titles available

374

Participants

313

Certificates earned

SUPPORTING STUDENT SUCCESS

In collaboration with NCHSE Publishers and YouScience, NCHSE continues to provide health science students and teachers the opportunity to review, at no cost, the participants knowledge of the National Health Science Standards as part of the Certificate Lab offered at the HOSA ILC and the National Health Science Conferences. The NCHSE certificates allow the student to document the vast knowledge of their health science experiences while also delineating specific performance on each standard allowing important information for guiding classroom instruction. Congratulations to attendees who participated in our labs.

TEACHERS ENJOY COMPETITION TOO!

2024 National Health Science Conference Certificate Winners:

- Foundations of Healthcare Professions: Kristine Record, AZ
- Essential Healthcare Practices: Lauri Redmon, MO
- Human Structure, Function and Disease (A): Bobbie Kite, TX
- Human Structure, Function and Disease (B): Tiffany Middlebrooks, SC
- National Health Science Certificate: Melissa Sparks, NC

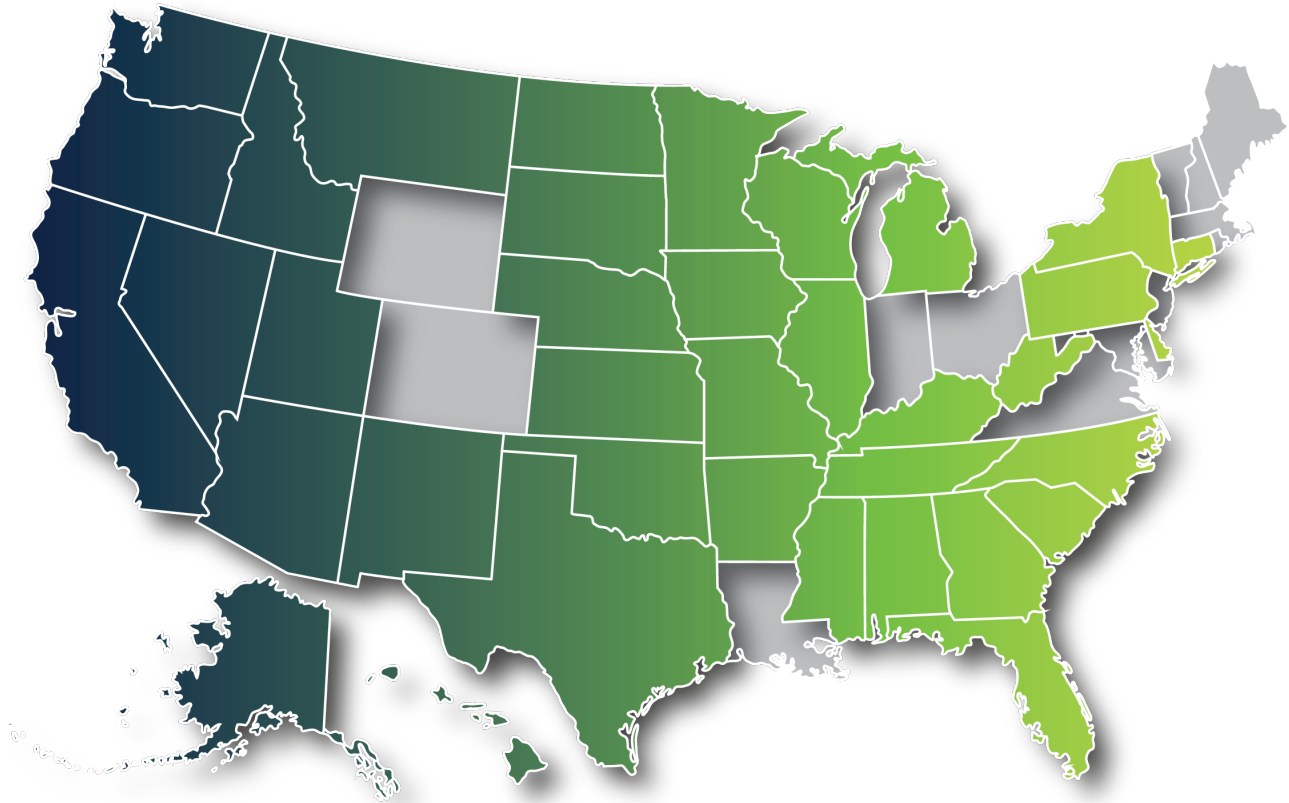


SCAN HERE

Learn more about the NCHSE Certificates and how the service is impacting healthcare educators and students around the United States.

Our Impact | NCHSE Across the United States

The success of NCHSE is a testament to the invaluable contributions of our partners, educators, advocates, and the unwavering support of our board and executive council members, whose steadfast commitment has been instrumental in advancing our mission. This map shows the 37 states with active NCHSE affiliation.



ADVANCING THE FRAMEWORK: A MODERNIZED CAREER CLUSTER

In December 2022, Advance CTE launched the "Advancing the Framework" initiative to update the National Career Clusters® Framework. Led by Indigo Education Company and WestEd with guidance from a National Advisory Committee and Industry Advisory Groups, feedback was incorporated from thousands of CTE professionals. This project offered the NCHSE leadership and several of its members invaluable opportunities to collaborate with industry and educational advisory groups, contributing feedback to help shape the new Framework.

The modernization of the National Career Clusters Framework, unveiled on October 22, 2024, marks a significant advancement in Career Technical Education (CTE). As part of this effort, the new the Health Science Career Cluster was renamed the Healthcare & Human Services Career Cluster. This expanded focus integrates health services with social determinants of health and emphasizes holistic well-being for individuals and communities.

HEALTHCARE & HUMAN SERVICES SUBCLUSTERS

- Behavioral & Mental Health
- Biotechnology Research & Development
- Community & Social Services
- Health Data & Administration
- Personal Care Services
- Physical Health

Membership | Members and Partners

NCHSE MEMBERSHIP 2024

HEALTH SCIENCE STATE LEADERS | 37

Alabama Department of Education
Alaska - Gelvin Professional Training
Arkansas Department of Education
Arizona Department of Education
California Department of Education
Connecticut State Department of Education
Delaware Department of Education
Florida Association of Health Science Educators*
Georgia Department of Education
Hawaii Pacific Basin Area Health Education
Idaho Division of Career Technical Education
Illinois State Board of Educators
Iowa Department of Education
Kansas State Department of Education
Kentucky Department of Education
Michigan Department of Education
Minnesota Department of Education
Mississippi Department of Education
Missouri Department of Elementary & Secondary Education
Montana Office of Public Instruction
Nebraska Department of Education
Nevada Department of Education
New Mexico Public Education Department
New York State Education Department
North Carolina Department of Public Instruction
North Dakota Department of Career & Technical Education
Oklahoma Department of CareerTech Education
Oregon Department of Education
Pennsylvania Department of Education
South Carolina Department of Education
South Dakota Department of Education
Tennessee Department of Education
Texas Education Agency*
Utah State Board of Education
Washington Office of the Superintendent of Public Instruction
West Virginia Department of Education
Wisconsin Department of Public Instruction

PUBLISHERS/RESOURCE PROVIDERS | 33

3B Scientific
American Allied Health, Inc.
Anatomy in Clay
Aztec Software
Bio-Rad Laboratories
Body Interact
CareerSafe
Carolina Biological Supply Company*
Dean Vaughn Total Retention System - Peterson's
DEPCO Enterprises

PUBLISHERS/RESOURCE PROVIDERS (CONT'D)

F.A. Davis Company
G-W Publisher
Hartman Publishing*
Jones & Barlett Learning
iCEV
McGraw Hill Education
MedTable AR*
National Academy of Sports Medicine (NASM)
National Center for Competency Testing (NCCT)
National Geographic Learning (NGL) | Cengage
National Healthcare Association (NHA)
Outset
Paxton/Patterson
Pearson
Pharmacy Tech Scholar
Pocket Nurse
Realityworks
Rx TechExam
Starla's Creative Teaching Tips
Surgical Science
Transfr
Visible Body
YouScience

PROFESSIONAL ASSOCIATIONS | 11

American Dental Education Association (ADEA)
American Medical Technologists (AMT)
American Society of Clinical Pathology (ASCP) & Board of Certification (BOC)
American Speech Language Hearing Association (ASHA)
Association of Public Health Laboratories
Dental Assisting National Board (DANB/DALE)
HOSA - Future Health Professionals
NAF - Be Career Ready
Pharmacy Technician Certification Board (PTCB)
Project Lead The Way (PLTW)
Texas Health Occupations Association, Inc (THOA)

SECONDARY/POSTSECONDARY EDUCATIONAL INSTITUTIONS | 5

Baltimore County Public Schools
Macon & Joan Brock Virginia Health Sciences at Old Dominion University
Minnesota State HealthForce Center of Excellence
University of Florida - Biotility
University of Nebraska Medical Center - uBeats*

**New Members*

Membership | HSEA Membership



GUIDING PRINCIPLES

MISSION

To prepare a world-class workforce by training middle, secondary and postsecondary students for today's labor market to meet health professions workforce needs.

PURPOSE

Support classroom teachers with resources and professional development and provide an avenue for teachers from across the nation and beyond to freely network and share best practices, resources and concerns.



HSEA OFFICER TEAM

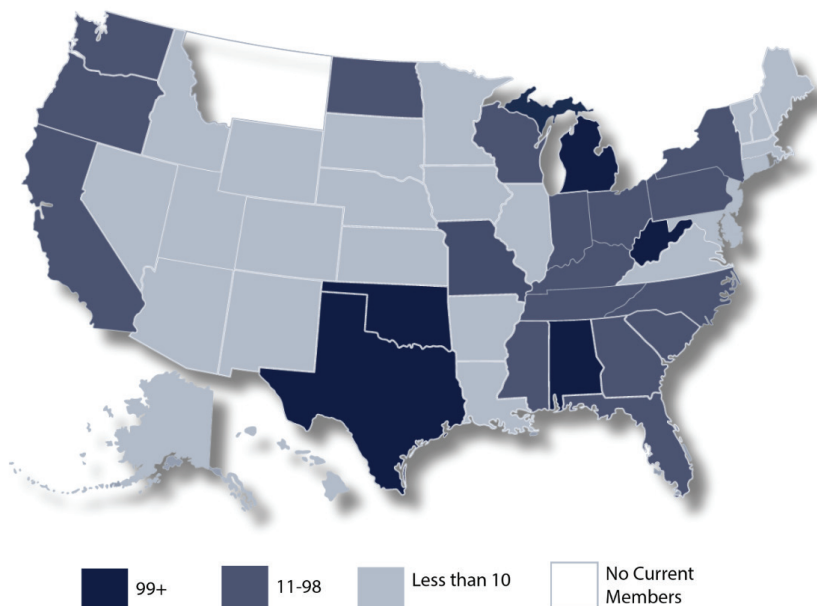
- | | |
|---|--|
| Lissa Bartle (FL)
<i>President</i> | Kathy Slade (VT)
<i>Secretary</i> |
| Melissa Sparks (NC)
<i>President-Elect</i> | Condra Ledford (KY)
<i>Membership Coordinator</i> |
| Karen Edwards (SC)
<i>Past President</i> | |

1592 MEMBERS
HSEA 2023 - 2024 Membership



2024 HSEA MEMBERSHIP

BY THE NUMBERS



WANT TO JOIN US? VISIT OUR WEBSITE:

WWW.HEALTHSCIENCECONSORTIUM.ORG/MEMBERSHIP/HEALTH-SCIENCE-EDUCATORS-ASSOCIATION/

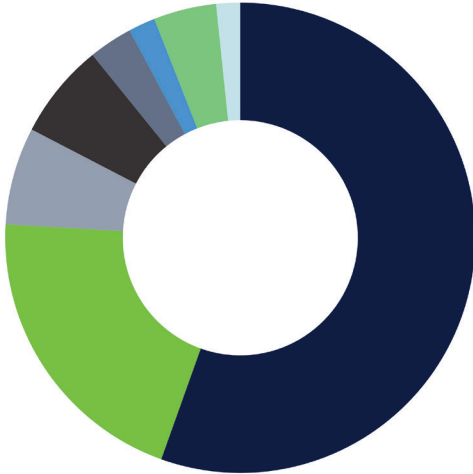
Special recognition to our eight HSEA state affiliates:

- AL
- FL
- MI
- MO
- OK
- TX
- WI
- WV

Financial Recap

EXPENDITURES

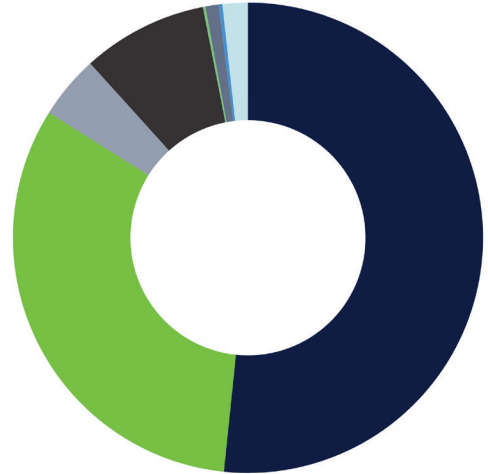
TOTAL: \$727,364



■ Conference Expenses	\$403,401
■ Contract Services	\$148,772
■ Annual Meeting Expenses	\$48,749
■ Executive Council Expenses	\$47,703
■ Marketing & Public Relations	\$21,947
■ Outreach Expenses	\$13,414
■ Operations/Administration Expense	\$31,384
■ Bank Fees	\$11,994

REVENUE

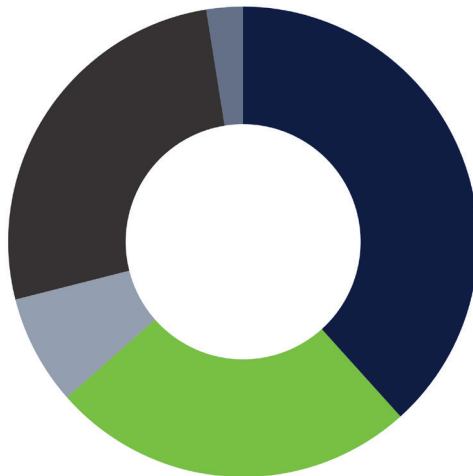
TOTAL: \$553,493



■ Conference Revenue	\$285,795
■ Membership Dues	\$178,745
■ Enhancements	\$24,150
■ Certificates	\$47,775
■ Work-Based Learning	\$950
■ Partnership/Sponsorship Income	\$5,000
■ Miscellaneous Income	\$1,447
■ Interest	\$9,631

MEMBERSHIP

TOTAL: \$178,745



■ Health Science State Leaders	\$68,500
■ Publishers/Educational Resources	\$45,000
■ Professional Associations	\$13,500
■ HSE Associations	\$47,245
■ Secondary/Post-Secondary Educational Institution	\$4,500

2024 FINANCIAL SNAPSHOT

For FY 2023-24, NCHSE generated a total revenue of \$553,493, primarily sourced from the National Health Science Conference, membership dues, the certificate program, and sales of enhancements. Compared to the previous fiscal year, revenue saw increases in membership dues, partnership/sponsorship income, and interest.

To better serve our west coast constituents and uphold our commitment to offering regional diverse professional development opportunities, the 2023 National Health Science Conference was hosted in Seattle, Washington. While these expenses were accounted for in the budget, hosting the conference in Seattle resulted in significantly higher costs. Additionally, NCHSE made substantial investments in strategic planning to support future growth and organizational sustainability.

Total expenditures for FY 2023-24 amounted to \$727,364, leaving NCHSE with net assets of \$605,835 at the close of the fiscal year.

Upcoming Year I Strategic Plan

2025 NCHSE STRATEGIC GOALS



Infrastructure and Growth

- Implement a comprehensive rebranding initiative
- Expand marketing strategies to enhance visibility and outreach
- Recruit and onboard a new Executive Director to lead NCHSE



Membership Expansions

- Actively recruit non-member states to join the organization
- Strengthen retention efforts for current member states and partners
- Develop target marketing campaigns to attract and engage partners



Enhancing Value and Retention

- Update and modernize resources and products to meet member needs
- Design and deliver tailored professional development opportunities
- Showcase and broaden member benefits to increase engagement



Fostering Collaborative Partnerships

- Maintain and refine the tiered sponsorship framework
- Facilitate stronger connections between partners, health science state leaders, and HSEA members
- Deepen engagement across all membership categories



Strengthening Industry Ties

- Create a toolkit to help educators connect with industry and local healthcare providers
- Collaborate with industry to organize facility tours and secure guest speakers for events
- Promote the value of the National Health Science Standards and Certificate Program



Upcoming Year I Calendar of Events

2024-2025 NCHSE EVENTS

2025 Member Update Call

Thursday, May 8

2:00 - 3:00 PM (ET)

2025-2026 NCHSE Membership Invoices

July 1

2025 NCHSE Executive Council Semi-Annual Meeting

Minneapolis, MN

August 4-7

2025 Member Update Call

Thursday, October 9

2:00 - 3:00 PM (ET)

2025 National Health Science Conference

Hilton Cincinnati, OH

Netherland Plaza

October 28 - 31

2026 NCHSE Annual Meeting

The Westin Birmingham, Birmingham, AL

Monday, January 26 | NCHSE Executive Council

Tuesday, January 27 | Health Science State Leaders Meeting

Wednesday - Thursday, January 28 - 29 | Board Meeting

SAVE THE DATE: 2026 National Health Science Conference

The Westin Birmingham, Birmingham, AL

October 20 - 22, 2026



SAVE THE DATE!

CINCINNATI

2025 NATIONAL HEALTH SCIENCE CONFERENCE

OCTOBER 28-31, 2025

NCHSE

National Consortium for
Health Science Education

✕ @NCHSE3
📷 @NCHSE2020
🌐 @NCHSE