

American Association of  
Colleges of Pharmacy **AACP**

**AACP and HOSA**

**Pharmacy Science  
Engagement  
Tool Kit**

**September 2018**



Presented by the University of Colorado Skaggs School of Pharmacy and Pharmaceutical Sciences  
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## What is HOSA?

[HOSA-Future Health Professionals](#), formerly known as Health Occupations Students of America (HOSA), is an international career and technical student organization endorsed by the U.S. Department of Education and the Health Science Education (HSE) Division of the Association for Career and Technical Education (ACTE).

## Quick Facts

- Founded in 1976
- Headquarters in Southlake, TX
- Over 220,000 members in the United States, American Samoa, Canada, the District of Columbia, Germany, Italy, and Puerto Rico
- HOSA's mission is to encourage careers in health sciences and empower HOSA-Future Health Professionals to become leaders in the global health community through education, collaboration, and experience.
- Through its robust relationships with health science instructors, HOSA provides a unique program of leadership development, motivation, and recognition. HOSA's educational content is designed for secondary and postsecondary/collegiate students who are interested in healthcare.
- Those who join the HSE-HOSA Partnership recognize the importance of providing students with training far beyond the basic knowledge and technical skills needed for entry into a healthcare field. The rapidly changing healthcare system needs dedicated workers who, in addition to their technical skills, are people-oriented and capable of serving in leadership roles on healthcare teams.
- AACP is an official [HOSA Partner](#). As such, AACP supports HOSA's mission to recruit and retain qualified students to the health professions and provide personal, career and leadership development opportunities to be academic, college and career ready.

## HOSA Healthcare Related Competitive Events

HOSA members are encouraged to participate in the HOSA Competitive Events Program (outlined below), a constantly expanding and improving series.

These challenging competitive events are aligned to the National Healthcare Foundation and Accountability Criteria outlined by the National Consortium for Health Science Education.

HOSA students learn new skills, study and practice for months, then compete at the regional, state, and international levels. Competitive events include both written tests and hands-on demonstrations of healthcare related skills. Those who place in the top three positions in each competition at each state's annual State Leadership Conference level (usually held February to April) are given the opportunity to compete at the annual HOSA International Leadership Conference (ILC), typically held in mid-to-late June.

## HOSA Competitive Events

<p><b><u>Health Science Events</u></b></p> <ul style="list-style-type: none"><li>• Dental Terminology</li><li>• Medical Spelling</li><li>• Medical Terminology**</li><li>• Medical Math</li><li>• Medical Reading**</li><li>• KT - Behavioral Health</li><li>• KT - Health Career Exploration(Middle School Only)**</li><li>• KT - Human Growth and Development</li><li>• KT - Medical Law and Ethics</li><li>• KT - Nutrition**</li><li>• KT - Pharmacology</li><li>• KT - Pathophysiology</li><li>• KT - Transcultural Health Care</li></ul> <p><b><u>Health Professions Events</u></b></p> <ul style="list-style-type: none"><li>• Biomedical Laboratory Science</li><li>• Clinical Nursing</li><li>• Clinical Specialty</li><li>• Dental Science</li><li>• Home Health Aide</li><li>• Medical Assisting<ul style="list-style-type: none"><li>◦ Medical Assisting Fillable Form - Skill II</li><li>◦ <u>Medical Assisting Fillable Form - Skill III</u></li></ul></li><li>• Nursing Assisting</li><li>• Personal Care</li><li>• <b>Pharmacy Science</b></li><li>• Physical Therapy</li><li>• Sports Medicine</li><li>• Veterinary Science</li></ul>	<p><b><u>Emergency Preparedness Events</u></b></p> <ul style="list-style-type: none"><li>• CERT Skills</li><li>• CPR/First Aid</li><li>• Emergency Medical Technician</li><li>• Epidemiology</li><li>• Life Support Skills*</li><li>• MRC Partnership</li><li>• Public Health**</li></ul> <p><b><u>Leadership Events</u></b></p> <ul style="list-style-type: none"><li>• Extemporaneous Health Poster**</li><li>• Extemporaneous Writing</li><li>• Health Career Photography</li><li>• Healthy Lifestyle**</li><li>• Interviewing Skills*</li><li>• Job Seeking Skills</li><li>• Prepared Speaking**</li><li>• Researched Persuasive Writing and Speaking</li><li>• Speaking Skills*/**</li></ul> <p><b><u>Teamwork Events</u></b></p> <ul style="list-style-type: none"><li>• Biomedical Debate</li><li>• Community Awareness</li><li>• Creative Problem Solving</li><li>• Forensic Science</li><li>• Health Career Display**</li><li>• Health Education**</li><li>• HOSA Bowl</li><li>• Existing Medical Innovation</li><li>• Original Medical Innovation</li><li>• Parliamentary Procedure</li><li>• Public Service Announcement</li></ul>
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KT = Knowledge Test (typically an online multiple-choice exam)

CERT = Community Emergency Response Team

MRC = Civilian Volunteer Medical Reserve Corps

Medical Innovation teamwork events are related to new or improved medical technology, innovative products, devices, medical apps and other inventions and findings that may influence global health care.

\* Must be classified under the provision of The Individuals with Disabilities Education Act Amendments of 1997 Public Law 105-17.

\*\* Event includes a Middle School Division

## Pharmacy Science Competitive Event

The Pharmacy Science competitive event promotes the profession of pharmacy to HOSA students who are exploring careers in health care. After many years of testing at the state level in Colorado, the international Pharmacy Science Pilot Event Guideline was developed in 2017 through collaboration between the HOSA Competitive Event Staff Leadership and the University of Colorado Skaggs School of Pharmacy. The pilot guideline was released to HOSA affiliates worldwide in November 2017. The first pilot international Pharmacy Science competitive event took place in June 2018 at the HOSA International Leadership Conference in Dallas, Texas. Thirty-three (33) competitors representing fifteen (15) states participated in the Pharmacy Science event during this conference.

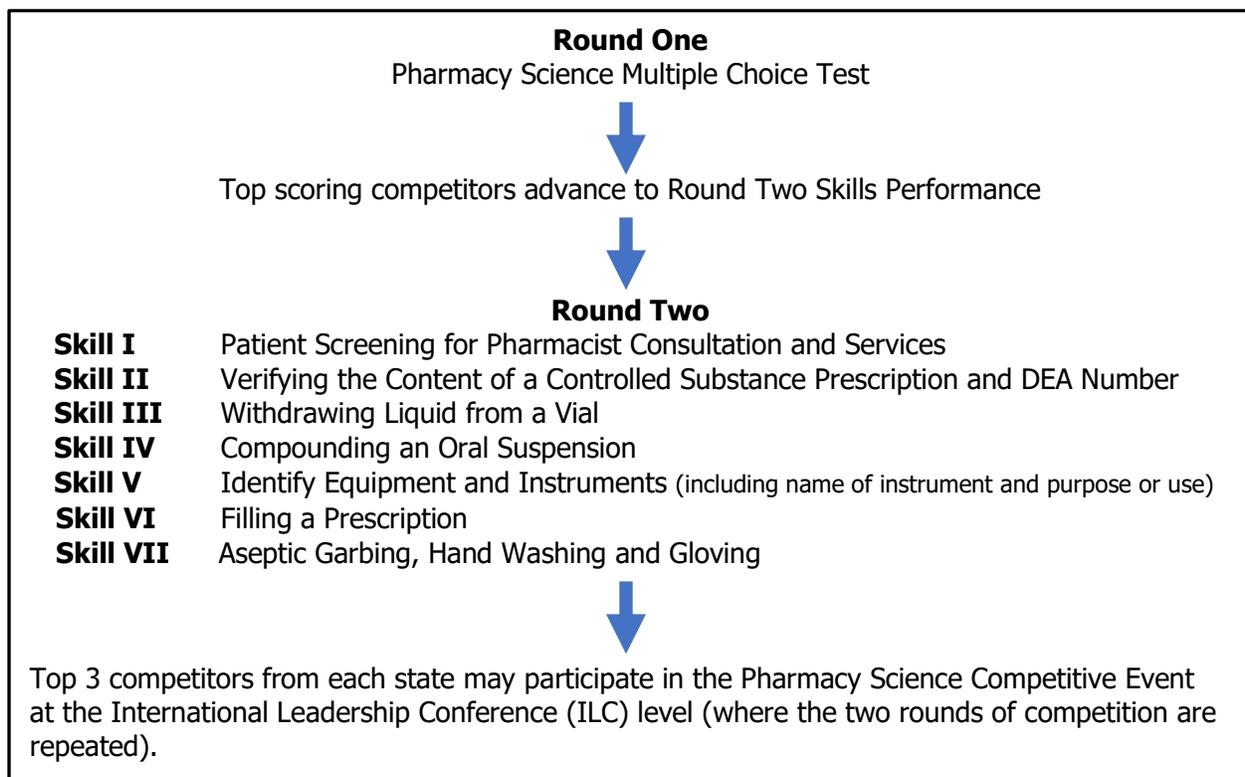
After reviewing the performance of the 2018 pilot international Pharmacy Science competitive event, the HOSA Competitive Event Staff Leadership made the decision to move the competitive event from **pilot** to **regular** status beginning in 2018. Therefore, the Pharmacy Science competitive event is now a regular annual event in which students can compete at the state level and subsequently be eligible to compete at the international level.

### Purpose

To provide HOSA members with an opportunity to develop and demonstrate knowledge and skills in pharmacy careers.

### Description

This event consists of two rounds of competition. Round One is a multiple-choice test. At the State Leadership Conferences each year, top scoring competitors on the multiple-choice test are permitted to advance to Round Two for the performance of selected skill(s). Competition scenarios require the use of critical thinking skills. Performance of each skill is timed and evaluated according to the Pharmacy Science event guideline.



## AACP Member Support for HOSA Pharmacy Science Events

### What can YOU do?

- Become familiar with the Pharmacy Science Event Guidelines available at <http://www.hosa.org/guidelines>. Visit this web page at the beginning of each new academic year for the most current competitive event guidelines.
- Establish a personal connection with your HOSA State Advisor (one exists in almost every state) who can connect your school or college with HOSA chapters in your area. Go to <http://www.hosa.org/associations> to find information about HOSA in your state.
- Establish relationships with HOSA affiliated pre-health advisors, Career Technical Education (CTE) instructors and high school science/STEM teachers throughout your state to promote the Pharmacy Science Competitive Event. Your HOSA State Advisor (<http://www.hosa.org/associations>) can assist in making these connections.
- Support HOSA advisors and students in your state by providing faculty and/or student pharmacist mentors to help HOSA students learn and practice Pharmacy Science event knowledge and skills in the months preceding [your state's HOSA Leadership Conference](#) (typically the fall months). Adopt a local HOSA high school or post-secondary/collegiate team and:
  - Promote HOSA and regular Pharmacy Science educational sessions at local high schools
  - Promote student participation in the Pharmacy Science competitive event
  - Match HOSA teams with faculty, alumni and/or student coaches to increase readiness for the state and international Round One Pharmacy Science tests
  - Provide coaching to improve technical proficiency in pharmacy-related skills
  - Help students practice and develop the strong communication skills essential to success in pharmacy related roles
  - Assist advisors in locating or purchasing pharmacy equipment for their teams.
  - Arrange for donations of graduated cylinders, mortars & pestles, counting trays, spatulas, amber prescription vials & bottles, gowns, gloves, masks, shoe covers, auxiliary labels and other pharmacy equipment and supplies to HOSA advisors in your state.
- Support HOSA and promote pharmacy by designing pharmacy related content for the state HOSA website or by purchasing advertisement space in HOSA conference materials.
- Support HOSA students by offering scholarships for your state's winning students to attend the International Leadership Conference.
- Serve as [judges](#) at the state and international HOSA competitions.
- Participate as an exhibitor at the state and/or international HOSA leadership conferences.



The mission of HOSA is to enhance the delivery of compassionate, quality health care by providing opportunities for knowledge, skill and leadership development of all health science education students, therefore, helping the student meet the needs of the health care community.

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**Skaggs** School of Pharmacy  
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