



SNPhA/Kroger National Clinical Skills Competition

COMPETITION INTRODUCTION

The Student National Pharmaceutical Association's Clinical Skills Competition is an educational opportunity for SNPhA students across the nation to demonstrate their pharmaceutical knowledge, patient assessment and clinical presentation skills, as well as effective patient counseling.

The competition will be performed in pairs. Each team will be given a patient case and medication profile to identify pharmacy-related issues, present an appropriate pharmaceutical care plan, and conduct a counseling session.

Recent graduates (Class of 2018) or licensed pharmacists are not eligible to compete in the National Clinical Skills Competition. Teams will be placed into Division I or Division II based on the highest team member's academic standing as outlined below. Note that students from three-year or six-year pharmacy programs will be placed at the discretion of the National Vice President.

Division I

- P1 (Class of 2021) + P1 (Class of 2021)
- P1 (Class of 2021) + P2 (Class of 2020)

Division II

- P2 (Class of 2020) + P2 (Class of 2020)
- P2 (Class of 2020) + P3 (Class of 2019)
- P3 (Class of 2019) + P3 (Class of 2019)
- P1 (Class of 2021) + P3 (Class of 2019)

The first team from each school per division will be slated to compete. Additional teams from the same school in each division will automatically be waitlisted until space becomes available.

Example:

- Team A from SNPhA University registers on Tuesday, 5/1 for Division I. Team B from SNPhA University registers on Wednesday, 5/2 for Division I. Team A will be slated, and Team B will be waitlisted.
- Team X from SNPhA University registers in the morning on Thursday, 5/3 for Division I. Team Y from SNPhA University registers on the same date but in the evening. Team X will be slated, and Team Y will be waitlisted.
- Both Team A and Team X will be slated to compete because they were the first teams from SNPhA University to register for their respective divisions.

COMPONENTS OF THE NATIONAL CLINICAL SKILLS COMPETITION

Pre-Orientation Video

Viewing this video before attending orientation is highly encouraged.

Participants will have an opportunity to learn how to use the submission form by viewing this short pre-orientation video. This year, we are using a simplified form to teams to turn in the SOAP note. Because there will not be an opportunity to practice using the system before the competition, it is highly encouraged that each teammate watches the video before orientation.

Orientation

All teams participate.

Participants will be instructed on procedures of the competition, introduced to the structure of the competition, and will be allowed to ask questions during the orientation session. There will also be a Clinical Skills Competition presentation by last year's Division II winners, University of Georgia. Attendance at this session is **mandatory** for participants. Orientation begins at 11 AM.

Preliminary Round

All teams participate.

Case Analysis – Participants will be presented with a clinical case and are required to analyze patient information and current drug therapy. Participants will prioritize drug therapy problems, identify interventions and therapeutic recommendations, and develop a pharmaceutical care plan. Participants will have **2 hours** to analyze the case and complete the pharmaceutical care plan. Participants will be allowed to utilize resources to prepare for the preliminary round.

Final Round

The top 3 teams from each division will participate based on judging of pharmaceutical care plans.

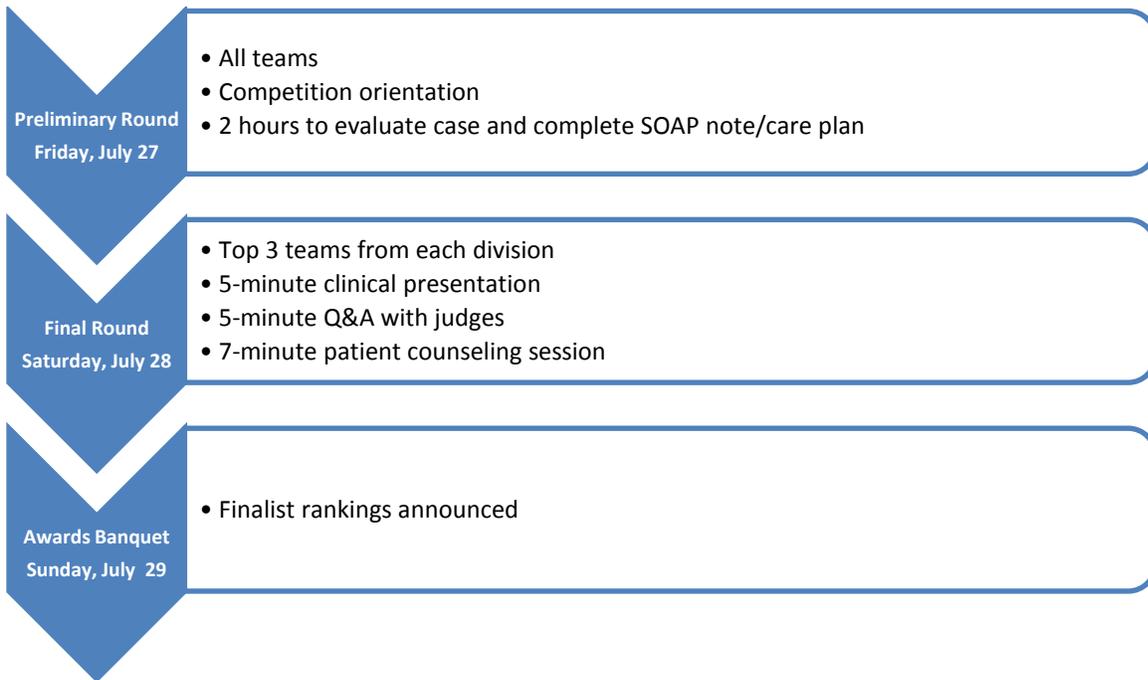
Case Presentation – Participants will have **5 minutes** to present their case to the judges. The presentation should include:

- Introduction (team number)
- Summary of the patient, including health problems
- Detailed recommendations for the patient's most urgent problem(s)

Q&A Session – Participants will have a **5-minute** question and answer session with the judges.

Patient Counseling Session – Participants will have **7 minutes** to conduct a patient counseling session on the recommended medication regimen. The participants should counsel the patient to optimize understanding, adherence, and outcomes. The patient may display personality characteristics to challenge the participants' ability to convey pertinent therapy information.

Competition Overview



GENERAL COMPETITION INFORMATION

Resources

Students are allowed to bring resources to use during the development of the pharmaceutical care plan. SNPhA will have a limited number of resources available for students to use.

Electronic or online resources will be limited to drug databases and clinical practice guidelines. No other forms of electronic or online resources will be allowed. SNPhA will provide Internet for participants' use and also for submitting the case. Resources are subject to approval by the National Vice President. A list of pre-approved resources can be found in Appendix A.

NOT ALLOWED:

- Class notes and other notes not commercially available
- NAPLEX reviews
- Cheat sheets
- Electronic and or online resources other than drug databases and practice guidelines

Use of unapproved resources may result in a penalty at the discretion of the National Vice President.

Judging

Judges will evaluate the pharmaceutical care plan according to the criteria listed in the guidelines. The judging of the final round will be a panel of at least 3 judges. Judges will evaluate and score each team on the interaction and information presented during their clinical case presentation and patient counseling session. Participants' school affiliations will not be taken into consideration.

Attire

Students will be expected to dress professionally during the competition. White coats are **MANDATORY** during the competition. Students will be required to supply their own white coats.

Eligibility

1. Participants must be current national SNPhA members.
2. Participants must be enrolled in a full-time Doctor of Pharmacy Program.
3. Must not be licensed to practice pharmacy or be a recent graduate from a pharmacy program.
4. The orientation and preliminary competition will be held on the Friday of the National Competition. The final round will be held on Saturday.
5. **Teams must be present for the National Clinical Skills Competition Orientation or will forfeit their participation.**

Rules

- Students must meet eligibility requirements.
- National Convention participation will be limited to availability on a first come, first serve basis per school.
- Chapters are allowed to register an unlimited number of teams. However a maximum of **one** team per division—composed of two members per team—will be guaranteed to participate in the competition. Additional teams will be waitlisted until space becomes available.
- Students are required to dress professionally and wear their white coats.
- Students are not to discuss the case with others except their teammate.
- Judges' decisions are final and are not subject to appeal.
- Students are only to use pre-approved references found in Appendix A. Participants may use resources not found in Appendix A if approved by the Clinical Skills Competition Coordinator.

OUTCOMES MEASURED IN THE COMPETITION

Problem Solving Skills. Clinical thinking is essential in the management of patients in healthcare. Students' ability to systematically think through problems will be graded for consistency and therapeutic knowledge.

Communication. Communication is essential to the pharmacist in providing a continuum of care between healthcare professionals and patients. It empowers the pharmacist to help patients have a fundamental understanding of how to take their medications and to avoid adverse reactions. Students will be expected to display effective written and verbal communication skills.

Therapeutic Knowledge/Management. Medication therapy management is a daily expectation of pharmacists. Management and adjustment of medication therapy will be graded on purpose and benefit. Students will be expected to provide evidence-based medicine while identifying and prioritizing drug therapy and problems.

Pharmaceutical Care Plan. Development of a pharmaceutical care plan is required not only to document current regimen, but also to provide an outline of the goal of therapy for the patient. Each team is expected to develop a written pharmaceutical care plan that will be evaluated for completeness, therapeutic benefit to the patient, design, and implementation of evidence-based medicine.

Counseling Session. Drug education and counseling give patients information about their regimen and how to properly take their medication(s). Students will be expected to provide drug education to the patient in a manner that the patient can understand and use to benefit their therapy.

EVALUATION OF TEAMS

General Rubric – Pharmaceutical Care Plan

Problem Identification and Prioritization

- Identification of the most urgent issue
- Patient conditions are identified based on evidence based medicine
- Patient issues are properly prioritized

Therapeutic Goals

- Goals are patient specific, relevant to the needs of the patient, and attainable

Drug Therapy Recommendations

- Recommendations are patient specific, appropriate, and predicated on evidence-based medicine

Monitoring Parameters

- Monitoring parameters and intervals are appropriate to patient problems and drug therapy

General Rubric – Clinical Presentation

Presentation Skills

- Verbal and non-verbal communication
- Completed within the allotted 5-minute time interval

Drug Therapy Comprehension

- Comprehension of drug therapy recommended and appropriateness

Clinical Judgment

- Problem-solving and decision-making skills
- Ability to defend clinical judgment of recommended therapy with evidence based practice

General Rubric – Patient Counseling Session

Patient Interaction

- Systematically thinks through problems and presents medication information in a logical order
- Displays confidence and the ability to control and direct the counseling session
- Manages time effectively
- Demonstrates efficient teamwork

Communication Skills

- Displays effective verbal and non-verbal communication skills
- Uses an interactive approach to assessing and verifying patient understanding through the use of open-ended questions
- Uses language the patient will be able to understand
- Demonstrates effective counseling techniques

Professional Knowledge

- Provides drug education to the patient in a manner that the patient can understand and use to benefit their therapy
- Conveys accurate information including, but not limited to medication, indication, dosage, form, route, duration, pertinent side effects, precautions, interactions, missed dose procedures, storage recommendations, and specific techniques for self-monitoring
- Discusses any potential therapeutic problems
- Recognizes compliance problems and increase adherence

COMPETITION PRIZES AND AWARDS

DIVISION I

1st Place Team (*per member*)

- Apple iPad mini tablet
- \$1,000 cash prize
- \$100 Kroger gift card
- SNPhA/Kroger National Clinical Skills Competition lapel pin
- 1-year subscription to Lexi-Complete
- \$210 Amazon gift card to purchase current resources*

2nd Place Team (*per member*)

- \$800 cash prize
- \$75 Kroger gift card
- \$210 Amazon gift card to purchase current resources*

3rd Place Team (*per member*)

- \$550 cash prize
- \$75 Kroger gift card
- \$210 Amazon gift card to purchase current resources*

DIVISION II

1st Place Team (*per member*)

- Apple iPad mini tablet
- \$1,000 cash prize
- \$100 Kroger gift card
- \$750 Clinical Skills Competition Grant (*please refer to Appendix B*)
- SNPhA/Kroger National Clinical Skills Competition lapel pin
- 1-year subscription to Lexi-Complete
- \$210 Amazon gift card to purchase current resources*

2nd Place Team (*per member*)

- \$800 cash prize
- \$75 Kroger gift card
- \$550 Clinical Skills Competition Grant (*please refer to Appendix B*)
- \$210 Amazon gift card to purchase current resources*

3rd Place Team (*per member*)

- \$550 cash prize
- \$50 Kroger gift card
- \$210 Amazon gift card to purchase current resources*

*Current resources include:

- *The Pharmacy Leadership Field Guide*
- *Lange Medical Diagnosis and Treatment*
- *The Washington Manual of Medical Therapeutics*
- *Sanford Guide to Antimicrobial Therapy*

APPENDIX A

PRE-APPROVED REFERENCES FOR THE CLINICAL SKILLS COMPETITION

The Clinical Skills Competition encompasses material on prescription, over-the-counter, and herbal medications. Below is a list of pre-approved references that can be used during the competition. **This list is by no means all-inclusive.** Any other references that you feel will assist you in the competition may be used but are subject to approval by the National Vice President.

Class notes, and/or cheat sheets are not allowed, and electronic resources are limited to drug databases and clinical practice guidelines only. As a rule of thumb, only resources that are commercially available for all participants to access will be allowed for the competition.

- AHFS Clinical Drug Information® (ASHP)
- American Drug Index
- DiPiro (Pharmacotherapy: A Pathophysiological Approach)
- Drugdex Drug Evaluation Monographs
- Drug Facts & Comparisons
- Drugs in Pregnancy and Lactation
- Goodman & Gilman's The Pharmacological Basis of Therapeutics
- Handbook of Injectable Drugs
- Handbook of Nonprescription Products
- Koda-Kimble and Young's Applied Therapeutics: The Clinical Use of Drugs
- Lange – Basic and Clinical Pharmacology
- Lange – CURRENT Medical Diagnosis and Treatment
- Lexicomp® Drug Information Handbook
- Martindale: The Extra Pharmacopoeia
- Merck Index
- Meyler's Side Effects of Drugs
- Mosby's GenRx
- PDR (Physician's Desk Reference)
- PDR Concise Drug Guide for Pharmacists
- PDR for Herbal Medicines
- PDR for Nonprescription Drugs, Dietary Supplements, and Herbs
- PDR Generics
- Red Book
- Sanford Guide to Antimicrobial Therapy
- Sigler's Dietary Supplement Drug Cards
- Sigler's Prescription Drug Cards
- Sigler's Nonprescription Drug Cards
- The Complete German Commission E Monographs
- The Review of Natural Products
- USP Drug Information
- Washington Manual of Medical Therapeutics
- Lexicomp® Online (electronic resource)
- Micromedex® Solutions (electronic resource)
- UpToDate® (electronic resource)
- PubMed.gov (electronic resource)

The National Office will provide three (3) iPads loaded with Lexi-COMPLETE for any teams who would like to use this resource. Limited time will be allowed for those who use the iPads during the competition.

APPENDIX B

CLINICAL SKILLS COMPETITION GRANT GUIDELINES

The top two teams from Division II of the 2018 Clinical Skills Competition will earn a grant (courtesy of Kroger) for their chapter to implement or expand on a clinical skills program within their school or college of pharmacy. This grant will allow SNPhA members to improve their clinical knowledge and practice clinical skills. The chapters who are awarded the grants are free to finance this project in any way they see fit, so long as they follow the established guidelines below.

Each chapter receiving the grant must maintain records on how the funds were used after disbursement and must submit a detailed summary of how the funds were used to the National Vice President by May 1st, 2019. The first place team and/or chapter will be expected to provide a presentation at the 2019 National Clinical Skills Competition Orientation. The 10-15 minute presentation should include the following:

- A detailed explanation of how the grant was used in an effort to expand or implement a clinical skills program within the chapter's school or college of pharmacy
- A reflection of the chapter's experience with the implementation of this project
- Photos of the chapter participating in the program
- Copies of materials used in the program, including promotional materials, competition and practice cases, educational materials, and other documentation the chapter wishes to showcase
- Those individuals presenting may use any format they would like. If special equipment is needed (e.g. projector, flip chart, etc.), the National Vice President must be notified by May 1st, 2019.

Supporting materials for the Clinical Skills Program Grant are due no later than May 1st, 2019 to the current National Vice President for the presentation that will be given to Kroger and the SNPhA membership.

Note: Deadlines are subject to change at the 2018-2019 National Vice President's discretion.