

STUDENT NATIONAL PHARMACEUTICAL ASSOCIATION
**CLINICAL SKILLS
COMPETITION**

Competition Introduction

2016 SNPhA/Kroger National Clinical Skills Competition

The Student National Pharmaceutical Association's (SNPhA) Clinical Skills Competitions are an educational opportunity for SNPhA students from chapters across the nation to display their pharmaceutical knowledge, patient assessment skills, clinical presentation abilities and effective patient counseling. The clinical competitions will be performed in pairs with each student team given a case scenario to analyze and identify pharmacy related issues and to present an appropriate pharmaceutical care plan.

The National Clinical Skills Competition will include a patient counseling session in addition to case evaluation and presentation at the National Conference. Pharmacy graduates today have many diverse career paths, each utilizing different strengths and qualities of pharmacy practice. The traditional clinical skills and patient counseling competition combines clinical knowledge and skill sets into one competition. The purpose of the competition is to streamline and apply proficiencies in these clinical areas.

The National Clinical Skills Competition will be performed in pairs with each student team given a patient's medication profile to evaluate, provide appropriate assessment and drug therapy and conduct appropriate counseling. Recent graduates or licensed pharmacists are not eligible to compete in the National Clinical Skills Competition. Teams will be placed into Division I (2018/2019) or Division II (2017/2018) based on the highest team member's academic standing. Teams that have two members from the class of 2018 will be placed in Division II. Pharmacy programs that are three or six-year schools will be placed at discretion of the National Vice President.

The first team per division, per school will be slated to compete. Additional teams, per school, will automatically be waitlisted. For example, if school ABC submits registration for 2 teams in Division 1 and 2 teams in Division 2, the first Division 1 and Division 2 teams submitted will be slated to compete and the other two teams will automatically be waitlisted.



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Components of the National Clinical Skills Competition

Orientation

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 winner, University of Kentucky. Attendance at this session is mandatory for participants.

Preliminary Round *All teams will 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 *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 panel of judges. The 5 minute presentation should include:

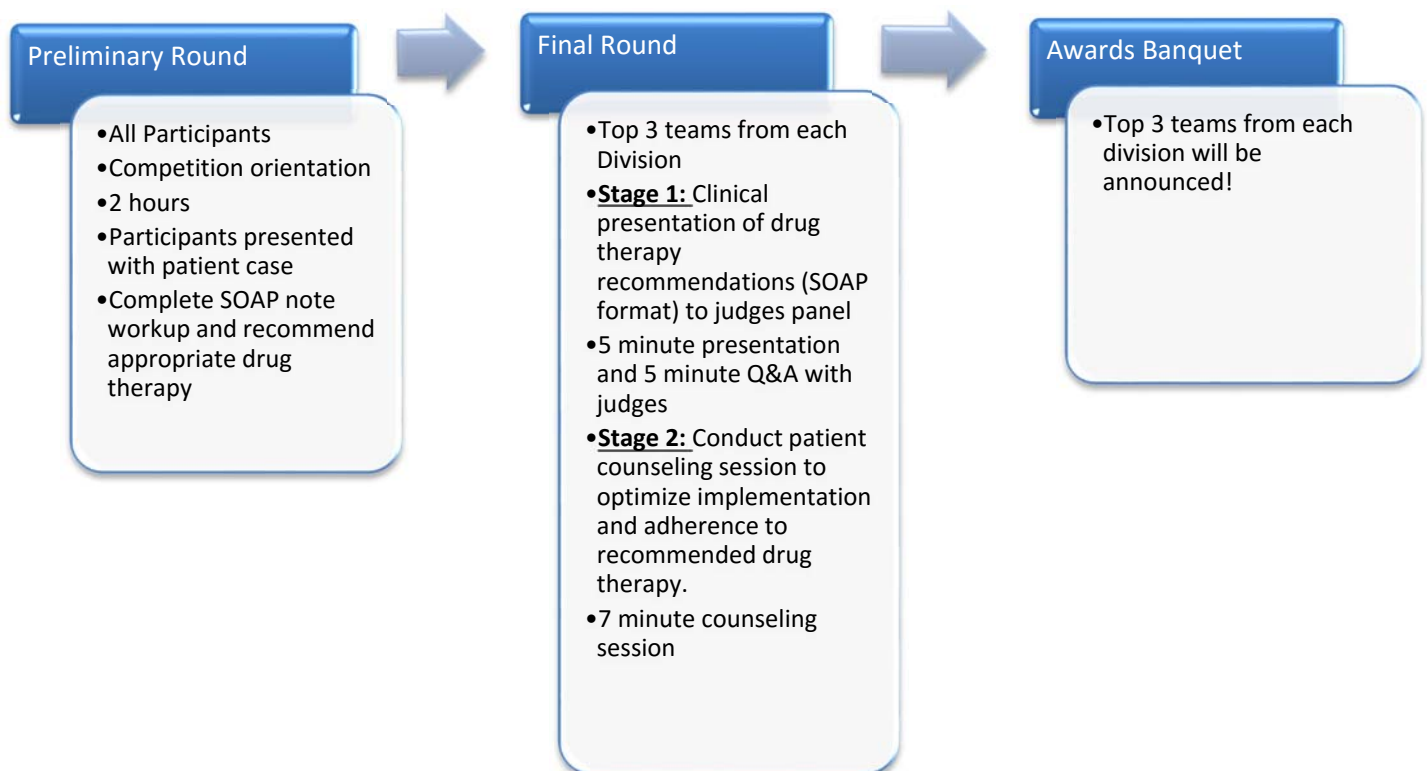
- Introduction (Team Number)
- Summary of the patient including health problems
- Detailed recommendations for the patient's most urgent problem(s)

Participants will then have a 5 minutes question and answer session with the panel of judges.



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

Competition Flow Chart



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 practice guidelines. **NO** other forms of electronic or online resources will be allowed. SNPhA will provide Internet for participants' use and also uploading of the case. Resources are subject to approval by the Clinical Skills Competition Coordinator. 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 Clinical Skills Competition Coordinator.

Judging:

Judges will evaluate the pharmaceutical care plan according to the criteria listed in the guidelines. The judging of the final round will consist of at least a three-judge panel. 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 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 afternoon of the National Competition. The final round will be held on



Saturday. Teams **MUST BE** present for the National Clinical Skills Competition Orientation or will forfeit their participation.

Rules:

- Student must meet eligibility requirements.
- National Conference 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.
- 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.
- Must submit team registration via the google doc found under resources on SNPhA.org by **June 13th, 2016 11:59pm PST**. Paper copies will NOT be accepted.
- **Must attend mandatory competition orientation on Friday, July 29th, 2016.**



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 student team is expected to develop a written pharmaceutical care plan that will be evaluated for: completeness, therapy's benefit to the patient, design and the implementation of evidence based medicine guidelines.
- **Counseling Session:** Drug education and counseling give patients information about their regimen and how to 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 Patient Counseling Teams

General Rubric for 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 for 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 for Patient Counseling Session:

Patient Interaction

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

Communication Skills

- Displays effective verbal and nonverbal 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 & Awards

DIVISION I

1st Place Team *(per member)*

- Apple iPad mini Tablet
- \$1000 Cash Prize
- \$100 Kroger Gift Card
- Kroger/SNPhA National Clinical Skills Competition Lapel Pin
- 1 Year Subscription to Lexi-Complete
- **\$220 Amazon Gift Card to Purchase Current Resources
 - The Pharmacy Leadership Field Guide
 - Lange Medical Diagnosis and Treatment
 - The Washington Manual of Medical Therapeutics
 - Sanford Guide to Antimicrobial Therapy (Sanford Guides)

2nd Place Team *(per member)*

- \$750 Cash Prize
- \$50 Kroger Gift Card
- **\$220 Amazon Gift Card to Purchase Current Resources

3rd Place Team *(per member)*

- \$500 Cash Prize
- \$50 Kroger Gift Card
- **\$220 Amazon Gift Card to Purchase Current Resources

DIVISION II

1st Place Team *(per member)*

- Apple iPad mini Tablet
- \$1000 Cash Prize
- \$100 Kroger Gift Card
- \$750 Clinical Skills Competition Grant *(Refer to Appendix B)*
- Kroger/SNPhA National Clinical Skills Competition Lapel Pin
- 1 Year Subscription to Lexi-Complete
- **\$220 Amazon Gift Card to Purchase Current Resources

2nd Place Team *(per member)*

- \$750 Cash Prize
- \$50 Kroger Gift Card
- \$500 Clinical Skills Competition Grant *(Refer to Appendix B)*
- **\$220 Amazon Gift Card to Purchase Current Resources

3rd Place Team *(per member)*

- \$500 Cash Prize
- \$50 Kroger Gift Card
- **\$220 Amazon Gift Card to Purchase Current

** Current Resources include The Pharmacy Leadership Field Guide, Lange Medical Diagnosis and Treatment, The Washington Manual of Medical Therapeutics, Sanford Guide to Antimicrobial Therapy (Sanford Guides)

All Competitors

- Recognition in the National Conference Souvenir Program



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APPENDIX A: Pre-Approved References for the Clinical Skills Competition

The Clinical Skills Competition encompasses material on prescription, OTC, and herbal medications. Below you will find 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 can be used but is subject to approval by Competition Coordinator. **Class notes, and/or cheat sheets will not be allowed and electronic resources will be limited to drug databases and practice guidelines only.** As a rule of thumb, only resources that are commercially available for all participants to secure will be allowed in the competition. The National Office will have a limited supply of references for the competition so please plan accordingly.

American Drug Index
Applied Therapeutics
ASHP Drug Information
DiPiro - Pharmacotherapy
Drug Facts & Comparisons
Drugdex-Drug Evaluation Monographs
Drugs in Pregnancy and Lactation
Goodman & Gilman's: Pharmacological Basis of Therapeutics
Handbook of Injectable Drugs
Handbook of Nonprescription Products
Koda Kimble - Applied Therapeutics
Lange - Basic & Clinical Pharmacology
Lange - Diagnosis and Treatment
Lexicomp Drug Information Handbook
Martindale's Extra Pharmacopoeia
Merck Index
Meyler's Side Effects of Drugs
Mosby's Genrx
PDR
PDR Concise Drug Guide for Pharmacist
PDR for Herbal Medicines
PDR for Nonprescription Products
PDR Generics
Red Book
Sanford Guide to Antimicrobial Therapy
Sigler's Prescription Drug Cards
Sigler's Dietary Supplement 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
Lexi-Comp – Electronic resource
Micromedex – Electronic resource
UpToDate-Electronic resource
PubMed

The National Office will provide 4 mini iPads loaded with Lexi-Comp Compete for the use of all participants. Limited time will be given to those who utilize the mini iPads during competition.



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Appendix B: **Clinical Skills Competition Grant Guidelines**

The top two teams from Division II of the 2016 Clinical Skills Competition will earn their school a grant courtesy of the Kroger Co. to implement or expand on a clinical skills program at their school or college of pharmacy. The grant will allow SNPhA members to expand their clinical knowledge and practice clinical skills. Chapters receiving grants are free to finance this project in any way they see fit as long as they follow the established guideline below.

All chapters receiving a grant shall 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, 2017. The first place team or chapter will be expected to provide a presentation at the orientation for the 2017 National Conference's Clinical Skills Competition. 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 at the chapter's school.
- 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 (i.e. projector, PowerPoint, flipchart, etc.) the competition coordinator must be contacted by May 1st.

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

