

**43rd ANNUAL CHICAGO REGION
JUNIOR SCIENCE AND HUMANITIES SYMPOSIUM
SATURDAY, MARCH 10, 2018**

To the Student:

A Guide for Preparation of Research Papers

1. General Instructions

Use this outline as a guide for the preparation of the report of your research to be submitted to the Paper Review Committee.

A. Title page

B. Introduction

A statement which tells exactly what the investigator attempted to discover or analyze.

C. Materials and Methods

A description of the experimental work used to support or disprove the hypothesis. The apparatus which would be essential in the duplication of the experiment. Specific information as to the place of research, and of materials available.

D. Results and Discussion

All of the results obtained by experimentation or library research summarized in graphs, charts, photos, etc. The relative success of the entire project in attempting to solve the problem as evaluated by the student may include ideas as to what can be done.

E. Literature Cited

A complete list of all information used in the research paper -- books, pamphlets, published papers, etc. -- must include author, title, publisher and date.

F. Abstract

A brief summary not to exceed 200 words composed to allow other students, rather than judges or specialists, to easily grasp the nature of your work. The abstract is not an in-depth description; it is a general overview of your work.

For a specific illustration of preparing a research paper, the student should follow the format of the submitted paper as found in a specific scientific journal.

2. Criteria to be used in judging papers submitted for competition.

1. quality of research design
2. uniqueness or originality in the research topic
3. utilization of facilities at hand
4. depth of scientific understanding
5. quality of presentation

ALL RESEARCH MUST BE IN ACCORDANCE WITH STATE AND FEDERAL REGULATIONS.

3. Specific instructions

A. Student applications to present research papers are enclosed. Complete the student application to submit a research paper, a 200-word or less abstract of your paper and email to pdauben@luc.edu along with 2 copies of your final paper. Mail these items to the address indicated below on or before February 02, 2018. The Review Committee will select the finalists to present their paper at the Symposium. The authors of the papers selected will be notified within three to four weeks.

B. The complete text of your paper must be presented in accordance with the provisions of this sheet. The final paper must be typed double-spaced, on one side only, using 8 1/2" by 11" paper with one inch margins. Papers are not to exceed 30 pages in length (text, graphs, tables, references). **YOU WILL WANT TO MAKE A COPY FOR YOUR PERSONAL USE.**

C. Paper should cite references and/or sources of information. If it contains a quotation from another individual's work, you must give appropriate credit.

D. If illustrations are used in your paper, they should be no larger than 8" x 10".

E. Papers selected for the Symposium will NOT be returned. (Papers not accepted will be returned with reviewer comments.)

F. Direct all inquiries and return all requested material to:

Patrick L. Daubenmire, Ph. D.
Loyola University Chicago
Chemistry Department
Flanner Hall 415
1032 W. Sheridan Road
Chicago, IL 60660

(773) 508-8248
pdauben@luc.edu

IMPORTANT: PLEASE DO NOT STAPLE THE RESEARCH PAPER.

USE RUBBER BANDS OR REMOVABLE CLIP.