

# Systems of the Human Body

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## Introduction

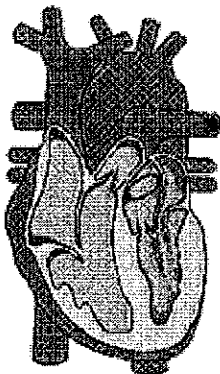
You are a medical student at the University of Chicago. Your medical internship will take place at Chicago Hope Hospital under the supervision of Dr. Jennifer Van Wagnen, the Chief of Staff

## The Task

A team of medical students will research one of eleven systems of the human body. These systems include: Integumentary, Skeletal, Muscular, Nervous, Endocrine, Cardiovascular, Lymphatic, Respiratory, Digestive, Urinary and Reproductive.

Teams will be chosen by Dr. Van Wagnen, using a random selection process in which medical students draw one of the eleven systems out of a container. Students who draw the same system will work together to research the system they have drawn. At least two, but not more than three, medical students will make up each team.

Each team will be expected to present their findings to their superiors and their colleagues at the Chicago Medical Symposium.



## Resources

Below are some sites that will help you accomplish your

tasks. Many have links to additional sites. Stay focused on your tasks, however, and know what you are looking for, or you can waste a lot of valuable time.

## Books

### Websites

- Atlas of the Body  
[http://www.ama-assn.org/insight/gen\\_hlth/atlas/atlas.htm](http://www.ama-assn.org/insight/gen_hlth/atlas/atlas.htm)  
Everyday health information, including several of the body systems
- The Blue Cross and Blue Shield Body Atlas  
<http://www.bluecares.com/good/body/sections.html>  
Provides information on just about any body part. Students can choose to visit Body by Sections, Muscles and Bones of the Body, or Arterial System of the Body, all of which provide clear text and colorful diagrams that together fully explain the role of each carefully labeled organ or body part
- BodyQuest  
<http://library.advanced.org/10348/>  
Fun-filled and informative exploration of the human body where they can tour the human body for an overview of the major body systems
- Dr. Koop  
<http://www.drkoop.com/>  
Led by Dr. C. Everett Koop, former U.S. Surgeon General, and others who are dedicated to improving the quality of people's lives by empowering them to improve their health
- Health Touch  
[http://www.healthtouch.com/level1/hi\\_toc.htm](http://www.healthtouch.com/level1/hi_toc.htm)  
Includes links to disorders; keyword searchable
- How the Body Works  
<http://kidshealth.org/parent/healthy/bodyworks.html>  
Contains information about The Circulation System, The Muscles, The Ear, The Digestive Tract, The Eye, and The Respiratory System
- Human Anatomy Online  
<http://www.innerbody.com/>  
Fascinating and fact-filled tour of the human body. Students can click on Interactive Anatomy, choose one of several different anatomy systems, and roll a mouse over the system to learn the names and functions of various organs
- A Look Inside the Human Body Where you can take a closer look at the major systems of the Human Body and how they work
- Mayo Clinic Health Oasis  
<http://www.mayohealth.org/>  
Reliable information on a variety of health topics; keyword searchable
- Medicine  
<http://galaxy.einet.net/galaxy/Medicine.html>  
Professional's guide to a world of information

- Nature's Best: The Human Body  
<http://library.advanced.org/2935/>  
 Intended for high school students, provides a extremely comprehensive look at the human body's circulatory, digestive, immune, nervous, muscular, reproductive, respiratory, and skeletal systems
- PharmInfoNet Disease Center  
[http://pharminfo.com/disease/disdb\\_mnu.html](http://pharminfo.com/disease/disdb_mnu.html)  
 Contains links organized by specific diseases and medical conditions
- The Virtual Body  
<http://www.medtropolis.com/vbody/>  
 Includes interesting information about the brain, the digestive system, the heart, and the skeleton in a highly interactive format
- Wellness Interactive Network  
<http://www.stayhealthy.com>  
 Provides access to thousands of health information resources

## Process

Information that is needed includes the following:

1. Which organs make up the system
2. Explanation as to how the system functions
3. Diagrams and/or illustrations of the system
4. Disorders associated with the system

At the Chicago Medical Symposium Dr. Van Wagnen suggests using a poster.

## Assessment

Each presentation and case study assignment will be evaluated by your teacher. Accuracy of information, presentation format, quality of presentation, grammatical correctness, proper spelling, class time spent on task, correct diagnosis, documentation, and finished products completed on due dates will be included in this rubric.

## Conclusion

You will have learned about different diseases/disorders common to the body systems. Other skills learned during this project include cooperation, oral and written communication, critical thinking, research, and use of educational technology.