

Interview with a Scientist

Over the next couple of weeks we will be studying the history of atomic theory in more detail. In particular we will consider the changes in the model of the atom from the mid-1800s to 1940. There will be many chemists and physicists who contributed to the model we now use.

Your assignment will be to find information on one of the scientists listed below. In particular, you will look for the contributions that person made to the development of the model of the atom. You will need to find some information about their personal lives as well.

You will present this information in the form of a written interview by an investigative reporter such as those seen in magazines. You must have a minimum of 10 questions that you ask the scientist and have 10 responses to those questions, as the person would have answered them. The questions must be answered with more than just a yes or no. You should not have more than 15 questions and answers. You must include at least one picture of the person and one other graphic which may be another picture or diagram.

You will work alone on this project. You will produce a written document in a magazine format. It should have a well-designed, appropriate cover. Your report should begin with an introductory paragraph which sets the stage for the interview. You must include your references, including one book. The complete URLs for internet sources must be given.

We will spend class time in the LMC and writing lab on February 9th and February 10th as well as Feb 20th. The interviews are due on Friday, February 24th. YOU WILL CHOOSE A CARD IN CLASS WITH A SCIENTIST'S NAME ON IT. YOU MAY ONLY CHOOSE A CARD WHICH HAS NOT BEEN TAKEN YET. But here is a list of scientists for whom there will be cards.

Curie, Marie	Meitner, Lisa	Bohr, Neils
Curie-Joliot, Irene	Curie-Joliot, Frederick	Chadwick, James
Thomson, J.J.	Einstein, Albert	deBroglie, Louis
Roentgen, Wilhelm	Heisenburg, Werner	Bethe, Hans
Balmer, Johannes	Becquerel, Henri	Goeppert-Meyer, Maria
Crookes, William	Young, Thomas	Millikan, Robert
Schrodinger, E.	Oppenheimer, Robert	Planck, Max
Moseley, Henry	Anderson, Carl D.	Rutherford, Ernest
Pauli, Wolfgang	Lewis, Gilbert	

To get started, try some of these websites. They are loaded in my folder on the L drive, and also under my favorites. Accessed either way, they are clickable links.

IMPORTANT NOTE: The Internet is NOT always factual! ANYONE can make a web page. Double check your information, use a book!

<http://www.TheCatalyst.org/m04histr.html>

<http://www.treasure-troves.com/bios/topics/BranchofScience.html>

<http://www.watertown.k12.wi.us/hs/teachers/buescher/atomtime.asp>

<http://www.aip.org/history/electron/>

<http://www.aip.org/history/>

REPORTING PROCESS

Essentially, you will be doing your research before you "conduct" your fictitious interview. In a sense, you will be working backwards from what a reporter normally does. You should ask leading questions that you know can be answered with the information you have already gathered.

A Senior English teacher has offered the following suggestions for reporters:

In doing an interview, or news report, there are what are known as the big 5-W's and the 1-H questions. **Who, What, Where, When, Why and How.**

Your paper should start with a paragraph of who the person is. The first question in the actual "interview" might be: "What made you think of...." or "How did you get interested in..?"

One question should naturally lead to the next question. You should also have transitions leading from one area to the next. You might want to sum up in the reporter's words (your own) what the scientist has said and ask the next question. Another technique would be to interrupt a long explanation with a short, pertinent question, and then let that answer finish the explanation.

-----Cut off here-----

YOUR NAME:

SCIENTIST:

Grading will be based on the following items:

	Points	
Introductory Paragraph	10	
Min 10 Q's and Answers	10	
Grammar and Spelling	5	
Topic adequately covered	10	
Use of 5-W's and 1-H	5	
Cover design	5	
Creativity in questions and answers	10	
References (at least 1 book)	5	
Pictures	5	
Diagram	5	
Extra questions	1 pt@ up to 5	
	70 possible	