# Poster Presentations

## Forms of Communication

- Journal Articles
- Talks
- Posters

What distinguishes these forms of communication?

## **Forms of Communication**

- Journal Articles (Written; Peer reviewed)
- Talks (Oral & Visual; lecture style)
- <u>Posters</u> (Visual; interactive) – Also available when you are not around

What distinguishes these forms of communication?

## **Audience**

- Communicate the excitement of your research to an audience:
  - Other scientists in your field (prostate cancer researchers)
  - Scientists in general (researchers attending large national meetings; the symposium)
  - Lay public

#### **Programs for Designing Posters**

- PowerPoint (limited)
- LaTeX <http://www.latex-project.org/> (more flexible, handles math and chemical notation better but there is a learning curve)

#### Logistics

- Poster Size: 3 by 4 feet
- Distance: Audience is 5-7 feet away from poster but talking to you
  - Keep text to a minimum (less than 5 minutes to read)
     Use diagrams, figures, flow charts, tables
- Poster elements
  - Font Size
  - Color
  - Layout
- · Allow enough time for printing













#### ASBMB Undergraduate Poster Competition Judging Rubric 2007

#### **INTERACTION**

- Layout and title attract people to your poster
- Involve the person viewing your poster by asking about his/her background or interest
- Prepare a 30-60 second summary of your research.
- Ask if the person has any questions. Engage the person in a conversation
- Be very familiar with the background of your project. It will help with the interaction.
- Eye contact is important.
- Exchange contact information (business cards)

Criteria	Low				High
	1 -	2	3	4	5
Hypothesis	<ul> <li>Missing hypothesis or hypothesis poorly presented</li> <li>No background</li> <li>No project goal stated</li> </ul>		<ul> <li>Questionable hypothesis not well presented</li> <li>Limited background</li> <li>Project goal not clear</li> </ul>		<ul> <li>Logical clearly presented hypothesis</li> <li>Relevant background</li> <li>Project goal stated including relevance of their work</li> </ul>
Methods	<ul> <li>Methods lacking</li> <li>Lack of controls</li> <li>Poor discussion of controls</li> </ul>		No or little comment on why methods chosen     Adequate discussion of controls     Some significant controls or comparisons missing		Solid explanation of why methods picked     Clear discussion of controls     All relevant controls presented
Results	<ul> <li>Results not yet available or reproducible</li> <li>Data presentation missing</li> </ul>		Adequate amounts of good data     Data address the hypothesis     Data presentation not clear		<ul> <li>Substantial amounts of high quality data</li> <li>All data presented address the hypothesis</li> <li>Data presentation was clear, concise, and thorough</li> </ul>

Conclusions / Future Work	Conclusions not presented     Conclusions do not link to hypothesis     Conclusions do not link to background presented in introduction	Reasonable conclusion     presented     Conclusions not compared     to hypothesis     not discussed     discused     discused     discussed     discus
Overall Presentation by Student	<ul> <li>Did not demonstrate knowledge of project</li> <li>Frequently reads from poster</li> <li>Does not use visual aids</li> <li>Is often confusing</li> </ul>	Demonstrates some knowledge of project. Reads from poster at some times Overall presentation is inconsistent     Demonstrates strong knowledge of project. Speaks clearly, naturally, with enflusiaam. Uses visual aids to enhance presentation
Answering Question	<ul> <li>Does not answer basic questions</li> <li>Avoids answering questions</li> </ul>	Can answer basic questions.     Has difficulty answering difficult questions     concise manner
Poster Board	Missing several     expected components     Poor layout     Text is hard to read,     lack of proofreading     evident     Figures and tables     poorly done	Most expected components present     Layout inconsistent.     Layout inconsistent.     Layout inconsistent.     Text relatively clear, occasional rervos     Figures and tables not always related to text     Figures and tables not consistently constructed