

Introduction

Excellent \longleftrightarrow Poor/Absent
4 - 3 - 2 - 1

Amount of information	All information is required for understanding the research	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Broad introduction	Orients audience to current state of the field	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Main research question	Clearly explained	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Significance	Motivation for research and its significance clearly explained	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Data

Logical flow	Logically follows the data and each interpretation is clearly justified	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Methods	Clearly explains methods and their significance	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Results	Presents only necessary data	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Clarity	Clearly explains all results figures	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Evidence of collaboration	Clearly describes what candidate did versus collaborators and mentees	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Inferences	Explains what the work infers/means, competing explanations well addressed	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Conclusion/future

Impact of work for the field	Important contribution to the field clearly explained	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Future research <5 years	Suggests what should be done next, points out new questions raised by work	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Future research >5 years	Outlines larger plan for future research	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Overall

Big picture	Clearly articulates the broader context of the work and a unifying theme	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Repetition	Main ideas redefined throughout	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Examples	Use of analogies/anecdotes to known subjects	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Brand	Perspective on the field can be distinguished from mentor(s)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Career narrative	How you ended up where you are + what's next for you	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Q&A

Excellent ← → Poor/Absent
4 - 3 - 2 - 1

Active listening	Pays attention to and lets questioners finish their questions	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	_____
Repeating and Clarifying	Repeats the question or rephrases and clarifies it as necessary	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	_____
Flaws	Gracefully acknowledges flaws or defects pointed out by questioner	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	_____
Brevity	Answers are short but clear and complete	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	_____
Discussion	Capable of discussing questions in a thoughtful way	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	_____

Interaction with audience

Eye contact	Faces audience nearly all of the time, frequent eye contact	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	_____
Body language	Open body language, appropriately animated (i.e. gestures)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	_____
Clarity of delivery	Speaks clearly and loudly enough, does not read from slides/notes, no noticeable disfluencies (ahm/uhm)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	_____
Pace	Pace is easy to understand (not too fast)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	_____
Jargon	All unfamiliar terms are defined and re-defined throughout presentation	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	_____

Organization

Slide purpose	Purpose of each slide is clear to the listener (Important: Title of slide contains premise)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	_____
Continuity	Effective transitions between slides create a continuous sequence of connected ideas	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	_____
Figures	Every figure and image is clearly labeled and all figures are fully explained by the presenter	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	_____
Visuals	Majority of presentation is figures/visual aids instead of text	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	_____

Summary Evaluation

Strongly Agree Agree Disagree Strongly Disagree Don't know/Can't assess

I can repeat the main question the presenter is addressing with their research talk to someone else.

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What is the main question? _____

I am convinced that the work is significant in the field.

I have a clear sense of who this person would be as a colleague.

I was excited about potentially collaborating with this presenter.

I am convinced that the presenter has a solid plan for their future projects.

The speaker convinced me that they can think critically about their work.

I could easily tell which parts of the project were driven by the presenter and which were collaborations.

References:

How to Give an Effective Job talk.

Sharon Milgram seminar at the NIH, June 2008

<http://bit.ly/sharonmilgram>

How to give a job talk and why it's not the same as a research talk.

Bill Schrader seminar at Duke, December 2013

<http://bit.ly/billschrader>

How To Give a Good Talk.

Uri Alon, *Molecular Cell*, Volume 36 , Issue 2 , 165 – 167

Guest post: How to give a science talk

Blog post reproducing Andrew Murray's article, August 19, 2011

It Takes 30: A blog from the Department of Systems Biology @ Harvard Medical School

<https://ittakes30.wordpress.com>

Recommended Outline:

For a 45 minute presentation, recommended outline:

- 10-15 min introduction tailored to your audience (longer than a typical seminar presentation)
 - Example: Scientists at all levels (your field and similar fields)
- 20-30 min summary of your methodology and results
 - Tailored to your audience
- 5-10 min potential impacts, future directions, thank you

Use this space below to provide additional comments or suggestions.

Introduction

Data

Conclusions/Future

Overall

Q&A

Interaction with audience

Organization