2023 MBIM Undergraduate Research Symposium

Guidelines & Rubrics for Presentations

The 2023 MBIM URS will be in a completely in-person format. More details will be emailed to each of the presenters once they submit an abstract. Students are encouraged to register in teams or as an individual. If you are registering to present as a team, note that **only one person per team needs to fill out the abstract submission form** found on our website: https://blogs.ubc.ca/mbimurs/.

Presentation Logistics:

- The presentations will be live. All members must be present and contribute equally to the presentation. No pre-recording will be accepted. Locations will be sent to you closer to the event date.
- Presenters will be asked to submit their presentations slide(s) one week before the event on April 28th and detailed instructions and submission link will be sent out then
- The symposium will feature two types of presentations:
  - **10x10 Presentation**
    - Presenters will be given 10 minutes to present a maximum of 10 slides followed by a 2-5 minute question and answer period.
    - 10x10 presentations will need to include an introduction, results, and discussion section.
    - See pages 2-3 for more information
  - **3x1 Presentation**
    - Presenters will be given 3 minutes to present 1 slide with no question period.
    - 3x1 presentations may include full research projects, proposals, or working thesis.
    - See pages 4-5 for more information

10x10 Presentations

Presentation Layout and Format

- Ensure that font sizes are large enough to be read. This includes figure legends and graph axis titles.
- Do not use excessive text. Try to make use of images, tables, or diagrams. If using images or tables that are not of your own, make sure you cite your sources!
- You should talk about all of the content on each slide (explain the axes, controls, and systematically walk through the data). If the slide is busy and contains unnecessary content (e.g. cute cat pictures), please remove it.
- Be critical of animations. Used well, animations can be very effective. However, overuse or unnecessary use can be distracting.
- It is important to ensure that you use Presenter Mode properly so that the speaker's notes are not visible to the audience during your presentation.

Presentation Day

- Oral presentations can be individual or team-based (up to 4 people). During the presentation.
- Oral Presentations are timed and **limited to 10 minutes.**
- Presenters should design no more than 10 PowerPoint slides and present 1 slide per minute. ***Please Note:*** *talks that exceed the time limit will be ineligible for the "Best Oral Presentation" awards.*
- Presenters will receive questions and feedback from judges and audience members, which will be facilitated by a committee member. The Question & Answer period will be 2-5 minutes

10x10 Judging Rubric:

Category	1	2	3	4	5
Introduction / Study background	Introduction absent, or not connected to rest of presentation. Does not sufficiently provide background information, research questions, and no clear hypothesis.	Somewhat able to see the connection between introduction and research. Does not contain sufficient background information, research question, and/or hypothesis.	Although connections between the research and introduction may be clear. It was insufficiently discussed and some of the background may be missing.	Introduction adequately summarized the student's research. More information would have been beneficial.	Introduction strongly summarized the student's research. Clearly supported topic presented and contains important points.
Results and Discussion	No or poor connection between results and purpose of the study. Discussion is very lacking and doesn't address the core limitations or broader literature.	Results presented were difficult to understand and did not sufficiently convey a connection to the purpose of the study. Discussion was not comprehensive enough.	Either results were well discussed with a poor discussion section or the other way around.	Both the results and discussion were well discussed but more information could have been beneficial or some core elements could have been further discussed.	Results address the purpose of the study. Discussion covers a clear overview of the results in the context of the broader literature and/or limitations.
Conclusions, and Future Directions	Conclusions are not supported by data. Future directions missing.	Conclusion minimally supported by data. Future directions were not reasonable.	Either conclusions or future directions have significant flaws or show poor connectivity to the rest of the research.	Conclusions mostly supported by data. Future directions are reasonable.	Conclusions entirely supported by data. Future Directions are reasonable and may demonstrate exceptional understanding into topic areas.
Presentation Organization and Appearance	Presentation is disorganized with no apparent flow. Visually jarring. Extremely hard to follow. May contain numerous spelling errors/typos.	Presentation poorly organized, which makes it difficult to follow. May need more or less visuals to guide talk. May contain some spelling errors/typos.	Although generally well presented, could have used more aspects of visual guidance, improved statements on the slides or other presentation tools.	Presentation is organized to allow viewers to follow the story. Visuals are somewhat well integrated in the talk.	Presentation is well-organized. Visually appealing with creative use of slide design to organize content. Visuals are well integrated into the talk.
Delivery: *Preparedness, Data Presentation and Interpretation*	Presenter was poorly prepared and did not adequately discuss the research. Demonstrated problems in several areas. Not presented in a logical manner.	Presenter did not convey a sense of confidence or ability to clearly convey the research problem, methods, conclusion(s), and implications. Additional practice would be helpful.	Presenters were adequately prepared but the quality of the presentation was not consistent and there were clear areas for improvement.	Presentation and demonstration of understanding was acceptable. Demonstrated some problems such as use of jargon or lack of presentation flow.	Presentation and demonstration of understanding was engaging and exceptional. Data presented logically, smoothly, and with minimal errors.

Question & Answer Period (N/A if no Q's)	Presenter fails to answer question(s) openly nor logically.	Presenter answers questions, but may somewhat misinterpret questions or miss main points.	Presenters inconsistently addressed questions openly and logically. Some preparation may have been needed.	Presenter receives question(s) openly and addresses them logically.	Presenter receives question(s) openly and addresses them logically. Presenter may demonstrate additional knowledge of topic area in answer.
Grand Total (Points out of 30 with questions, out of 25 with no questions)					

- Half points are allowed
- 1 point for every 30 seconds over 10 minute time limit

3x1 Presentations

Presentation Layout and Format

- A single, static PowerPoint slide is permitted (no slide transitions, animations or 'movement' of any description, the slide is to be presented from the beginning of the oration). Images used in the slide must be your own, or you must have permission from the owner of the photo(s) and provide proper credit(s).
- Use a font size of 24 or above (unless it is for axis or figure captions which can go as small as size 14 point font).
- When designing your slide think about how you will use it to communicate your research:
    - Your main claim or thesis statement should be clearly stated in your slide title.
    - We recommend utilizing figures/diagrams in your slides as opposed to blocks of text.

Presentation Day

- Presentations can be individual or team-based (up to 4 people).
- To ensure smooth transition between presentations, we ask presenters to submit their slide to the planning committee by April 24th.
- Presentations are timed and **limited to 3 minutes.** ***Please Note:*** *talks that exceed the time limit will be ineligible for the "Best 3x1 Presentation" awards.*

3x1 Juding Rubric:

Points	1	2	3	4	5
Impact	Significance of the topic or study presented is unclear or missing.	Significance of the topic or study presented is mentioned but extrapolated and poorly relevant.	Significance is directly stated but may have poor connectivity to the rest of the talk. More information may have been beneficial.	Significance of the topic or study presented is clearly explained but some key aspects may be missing or insufficiently discussed.	The significance of the topic or study discussed is well explained and logical in the context of the presentation.
Engagement	The presentation was overall difficult to follow due to jarring visuals and poor explanations.	Presentation visuals and explanation were not well integrated and there were obvious flaws.	Presentation visuals OR explanations need work in order to make the presentation more engaging. Visuals were not well integrated in the talk.	Presentation is relatively well done but some areas may need to work in order to fully engage the audience. Visuals could be better integrated.	Presentation is very well done and engaging. The presenter successfully integrates the visuals into their explanation.
Scientific concepts	Presenter demonstrates a poor understanding of the scientific concepts underlining their thesis.	There are some inaccuracies or logical fallacies in the explanation of the scientific concepts underlining their thesis.	There was inconsistencies in the presenter's knowledge on the subject where more preparation was needed.	Presenter has a good understanding of the scientific concepts underlining their thesis with few misconceptions.	Presenter has a clear understanding of the scientific concepts underlying their thesis. Terminology and concepts are clearly defined or explained concepts are clearly defined or explained.
Grand Total (Points out of 12)					

- Half points are allowed
- 1 point for every 30 seconds over 5-minute time limit

ADDITIONAL RESOURCES

Here are some useful resources you can refer to when preparing your presentations.

Three Minute Thesis

- Download the 3MT Presenter Slide PPT and follow the instructions to prepare the slide for your presentation.
- **Simon Clews** (University of Melbourne) has prepared a helpful guide on preparing for the Three Minute Thesis Competition
- **Jackie Amsden** (Simon Fraser University) discusses how narrative frameworks can help grad students effectively tell their research story
- **Matt Abrahams** (Stanford University) provides Tips and Techniques for More Confident and Compelling Presentations
- **Matt Abrahams** (Stanford University) podcast Think Fast, Talk Smart: advice for impromptu speaking
- **Anett Grant** (Executive Speaking) addresses Six Pieces of Bad Speaking Advice That Just Won't Die
- **Inger Mewburn** (RMIT University) developed How to Talk About Your Thesis in 3 Minutes
- **Ontario Consortium for Graduate Professional Skills** posted 6 Components of Successful 3MT Speeches (video)

Presentations

- Tips and Tools for Giving Effective Scientific Oral Presentations – DC Oliver
  https://drive.google.com/file/d/1O6DlHkVhGQ7zTf3MxfH1q-wihKU3TNM3/view?usp=sharing
- A Presentation on How to Give a Presentation – DC Oliver
  https://drive.google.com/file/d/1tyfzA4cGoouDETu4-Rcg4ZVvJjVU1Mfr/view?usp=sharing