

**Welcome to**  
**Medical Biophysics**  
**Seminar Series**

**MBP 1015Y**

**Information Session**  
**Sept 13/14, 2011**



# Overview

- Definition
- Coordinators & Contacts
- Locations
- Seminar Schedule
- Rules
- Course Evaluation
- Tips
- Q&A

# Goals of MBP 1015Y

- 1<sup>st</sup> - to provide **practical** experience and guidance in the clear, **concise** oral communication of research results to an audience of **educated**, though **not specialist** peers, and faculty
- 2<sup>nd</sup> - to give each student a broad knowledge of all aspects of research undertaken at the OCI, other downtown labs and Sunnybrook

# MBP 1015Y

- 25 minutes presentations by the students about their research
  - 1<sup>st</sup> year students downtown - 17 minutes
- Full Credit Course
- Taken **every** year while in the MBP program
- Seminar is evaluated by MBP faculty
- Feedback is provided
- Peer feedback is optional

# Course Coordinators

- **Lothar Lilge (OCI)**
  - [llilge@uhnresearch.ca](mailto:llilge@uhnresearch.ca)
- **Greg Stanisz (Sunnybrook)**
  - [stanisz@sri.utoronto.ca](mailto:stanisz@sri.utoronto.ca)

# Administrative Assistance

- Janet Binding (Sunnybrook)
  - [janet.binding@sunnybrook.ca](mailto:janet.binding@sunnybrook.ca)
- Daphne Sears (OCI)
  - [dsears@uhnresearch.ca](mailto:dsears@uhnresearch.ca)

# Locations

- UPTOWN

- Sunnybrook - Jenkin Auditorium

- Tuesdays, 4-5pm

- Evaluation - SG22

- DOWNTOWN

- Sept - Dec

- Pharmacy Building 144 College Street, Room PBB250

- Jan - May

- PMH Room 6-604

- Wednesdays, 4-5pm

- Evaluation - in the respective room

# Rules

- All MBP students must give a seminar
  - Master Students - TWICE
  - PhD Students - AT LEAST 3 TIMES
- 2<sup>nd</sup> seminar will be graded
  - No repeats, no averages, no changes
- Attendance is mandatory
  - At least 17+1 seminars a year
  - At either location

# Scheduling

- By seniority, by discipline, by location
- Schedule posted
- <http://medbio.utoronto.ca/seminars>
- If you are 2<sup>nd</sup> year and you are not on the list - contact us ASAP
- Requests for changes:
  - Needs to be confirmed by course coordinator
- **Note:** There will be **no seminar on Oct 4**, due to Geneva Park Retreat

# Scheduling

- Part I
  - Senior students (3<sup>rd</sup> PhD & up)
  - Sep-Nov (Sunnybrook)
  - Sep-Nov (OCI)
- Part II
  - 2<sup>nd</sup> seminars - graded
  - Nov-March (Sunnybrook)
  - Nov-April (OCI)
- Part III
  - 1<sup>st</sup> students, April - June

# Travel

- Student from:
  - OCI, Sick Kids, UHN, Baycrest, Sunnybrook
- Two locations
  - Downtown - OCI, UHN, Sick Kids
  - Sunnybrook - Baycrest, Sunnybrook, Sick Kids
- Senior students may be asked to present at **other** location

# Travel

- Shuttle
- Women's College - Sunnybrook
- Ask Daphne/Janet for daily **passes**
- Leaves every 30 min

# Required from students

- Provisional title
  - (2<sup>nd</sup> year +) by Sept 14th,
  - 1<sup>st</sup> year by Feb 1<sup>st</sup> 2012
    - Email Daphne the following information:
    - Full name, e-mail contact information, phone #, mailing address, provisional title for seminar, date according to schedule.
- On the Tuesday, one week before your scheduled seminar:
  - Abstract
    - Email Daphne & Janet with abstract in PDF format using form available on the website

# For students & faculty

- Visit  
<http://medbio.utoronto.ca/seminars>
- Abstracts of past seminars
- Additional discussion and feedback from faculty and colleagues

# Evaluation

- In SG-22 (Sunnybrook) or Seminar room (Pharmacy/OCI) immediately following presentation
- Evaluation categories:
  - **Organization**
    - Outline, big picture, clear attribution of personal contribution
  - **Content/science**
    - clear description of methods, critical evaluation of results, response to questions
  - **Presentation**
    - clarity of slides, pace, enthusiasm

# Organization

- Outlined field
- Indicated where this work fits
- Described personal contributions
- Made a "story"
- Delivered an appropriate abstract, on time

# Content/Science

- Described methods clearly
- Evaluated results critically
- Avoided jargon
- Understood questions and answered them clearly

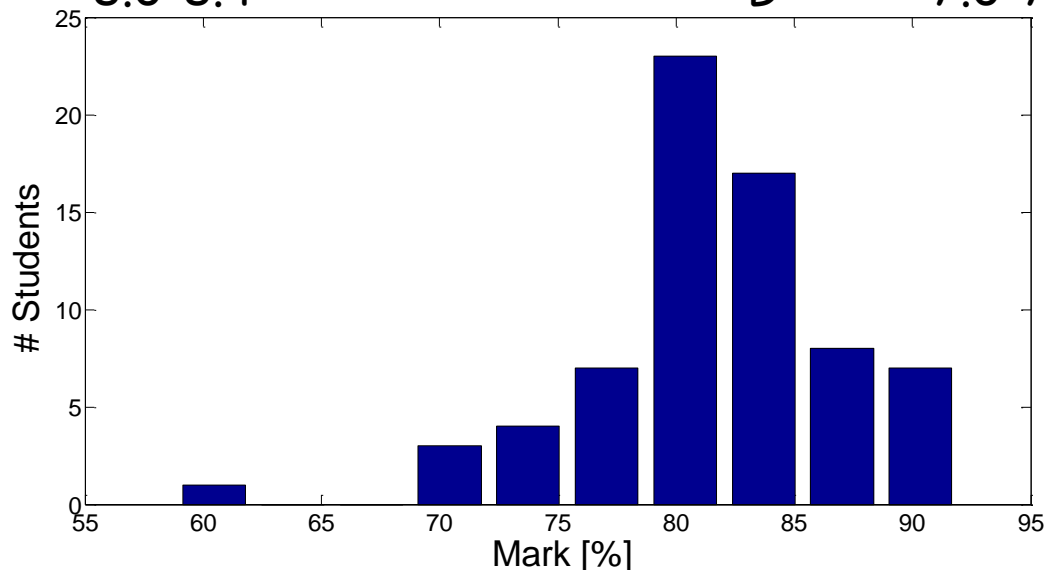
# Presentation

- Clarity of slides or transparencies
- Voice audible, pace reasonable, well modulated
- Used A/V tools well
- "Sparkle" or enthusiasm

# Final Grade

- Organization 0-10
- Content/Science 0-10
- Presentation 0-10
- **Total (Average) 0-10**

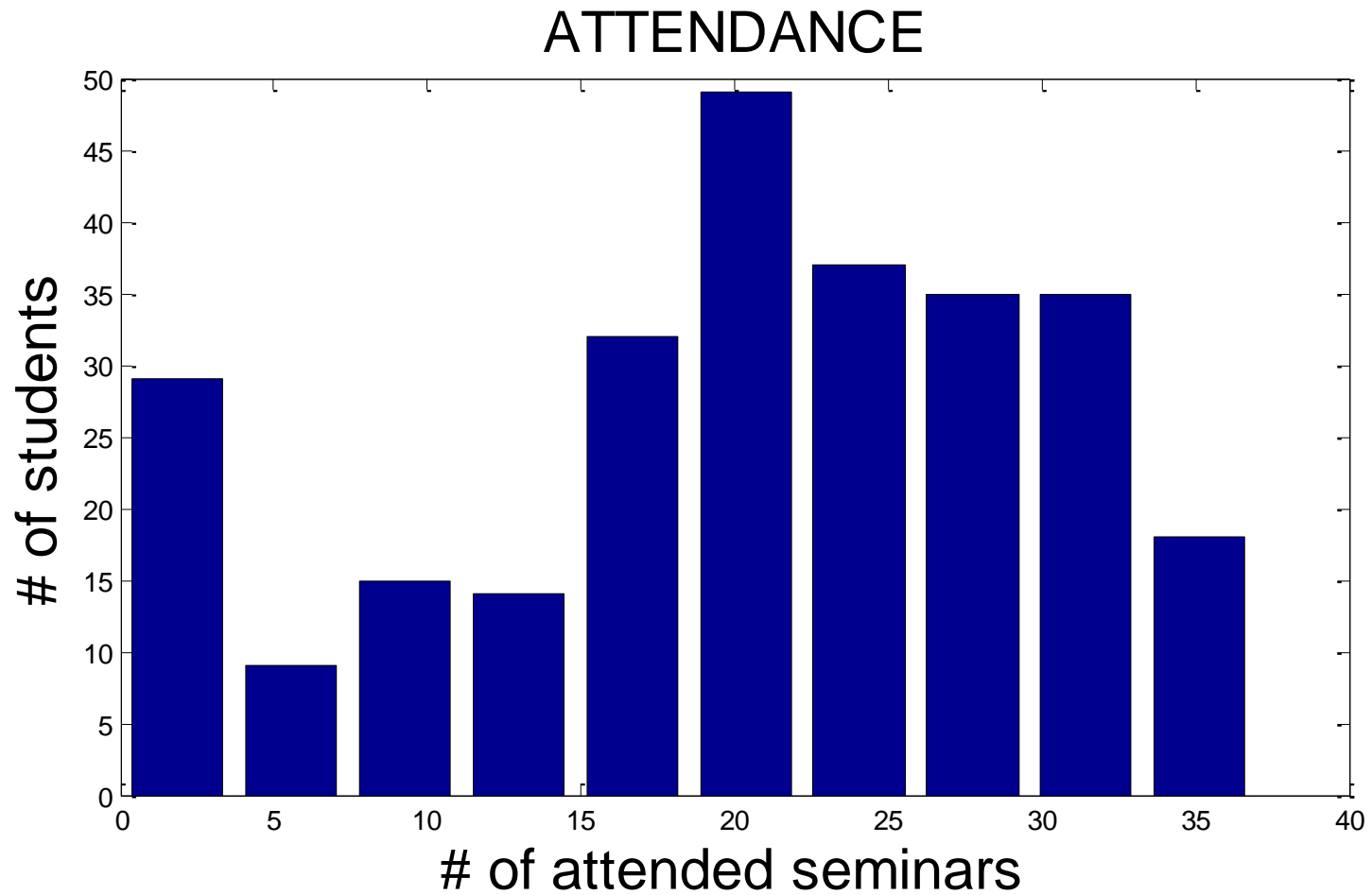
• A+	9.0-10.0	B+	7.7-7.9
A	8.5-8.9	B	7.3-7.6
A-	8.0-8.4	B-	7.0-7.2



# However:

- Students should attend regularly !
- Anyone showing attendance at less than **18 seminars per academic year** is considered as non participating (seminars at both sites count).
- We will take attendance at both sides.
- **Non participating students can face 1/2 point deductions at the end of each failed academic year**

# Problem:



# GUIDELINES

The "DO"s  
&  
The "DON'T"s

# Know who your audience is

- Diverse
  - in research specialty
  - in experience.
- It is NOT:
  - your sub-specialty group
  - or to a conference in your discipline
  - By all means show material from these talks, but because the Student Seminar audience is different, so should your talk be.

# Prepare your talk well in advance

- Plan your talk to provide:
- an overview of your field
- where your work fits,
- describe your experimental methods,
- present current results
  - Not required for 1<sup>st</sup> year biology students
- discuss them
- indicate future directions.

# Time is GOLD

- 20 - 25 minutes
  - # slides 20 - 30
- 5 minutes for discussion

# Submit your abstract on time!

- concise,
- clear
- free of jargon
- No "typos", split infinitives etc.

# Keep your slides or transparencies big and simple

- Identify axes and units on graphs,
- Explain the anatomy or geometry involved in images
- The significance of features to which you are referring.
- Avoid "art", "jokes", "animation"

# If you are using a computer, check that it works!

- Windows vs. Mac
- Animation
- Resolution
- Colours
- Size
- Have a backup (USB)
- Rooms are booked 30 minutes prior to seminar start

# Practice, Practice, Practice

- In front of few volunteers.
- Check timing
- In front of your Supervisor
- Prepare for questions

# Speak clearly

- Towards the audience.
- Use notes to assist you if necessary, but do not read your talk.
- Use Microphone,
- Make sure that you have mastered
  - the lighting
  - slide projector
  - pointers and other technical aspects of the room in advance.

**That is your responsibility.**

# Remind your supervisor to attend

- He will introduce you and chair the discussion
- Remind your committee members

# After seminar

- Please go to SG22 (uptown) or stay in the room (downtown) and listen to the discussion about your seminar.
- This valuable feedback will be lost if you don't hear it!

# Grades:

- Every seminar - FYI
- Second year evaluation is your 'provisional' mark from the course
- No repeats, no "averages", no changes!!!

# Seminar Outline

- Background (~ 5 slides)
  - Clinical/Scientific Problem
  - Literature Review
  - What is an interesting question?
- Hypothesis and/or Aims (2-3 slides)
  - What is your goal?
  - What you want to demonstrate/proove?
- Experimental Methods (3-5 slides)
  - What did you use?
  - Describe what each method provides
  - Tell us why you have chosen specific methods

# Seminar Outline

- Results (4-6 slides)
  - Show data supporting your hypothesis
  - Do not show ALL your data
  - Describe what we see
- Discussion (2-4 slides)
  - What the result tell us
  - Discuss strong & weak points
  - Be critical (limitations/shortcomings)
- Conclusion (1 slide)
  - Come back to hypothesis / goals

# ENJOY

- Giving a seminar
- Listening to your fellow students

# MBP social event



Join us after today's seminar  
for pizza and drinks (S6 lunch  
room)



WE NEED YOU

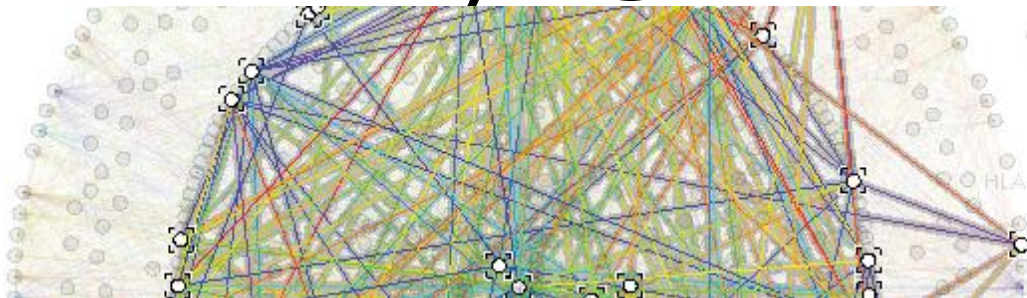
MBP Graduate Student Union positions  
available



**Medical Biophysics GSU (@UofT)**  
Don't interferon with our good time >:-\

# COMMUNICATING = SUCCESS

- [www.MBPGSU.ca](http://www.MBPGSU.ca)
- [soduneye@sri.utoronto.ca](mailto:soduneye@sri.utoronto.ca)



Department of  
Medical Biophysics

HLA-DRE