Lecture hours/Location: M W 11:45 am. – 1:10 pm., Rm. 245 Physics Bldg.

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Office Hours: will be announced later

Goal of class:
To become comfortable with reading, writing, and presenting information in the areas of Bio- and Medical Physics

In particular, to be able to:
- Search for information and articles in suitable databases
- Read and understand papers
- Integrate information into a presentation or paper
- Produce and present professional talks
- Produce professional papers

Grading:
30% Homework
40% Presentations
30% Final paper and presentation

Materials:
Selected journal articles and book chapters, either provided by instructor or researched by students.

Information from the Web (Google, Wikipedia) can also be used, but must be backed up by published sources.

Suitable journals include: Nature, Science, Physics Today, Annual Reviews, Proceedings of the National Academy of Science, Biophysical Journal etc.

Plagiarism will not be tolerated and will result in severe reduction in grades.

Outline:
- Introduction to databases and information searching
- Critical reading of technical literature
- Summarizing articles: Seeing the forest for trees
- Presenting ideas clearly and concisely
- Writing scientific and technical papers and reports