Instructor: Professor Rachelle Gaudet, MCB Dept.

March 18, 20, 25, 27, 2024 3-5:45pm each day

Location: Cambridge campus, **Vanserg Room 210**

PyMOL Nanocourse flyer

Nanocourse Syllabus

Graduate students are highly encouraged to take the course for credit sat/unsat by adding MCB 355 to the Crimson Cart for the spring semester. To receive credit (sat/unsat), students must attend all four course sessions, and submit - by April 8 - a movie they generate based on materials learned during the course. Find details on the assignment here.

Auditing the course is open to all - registration is required, and enrollment is limited. To sign up to take the course (not for credit) use this Google Form: https://forms.gle/sut16sBMa4t6wYh66

PyMOL is one of the most popular software programs to display and explore high-resolution structures of macromolecules. It is readily used to create publication-quality figures, and movies and animations of structural information.

In two days, you will learn the basics of PyMOL and be able to display, explore and present three-dimensional structures of macromolecules. With this basic training, you will be able to generate high-quality images and simple movies, and have the resources to learn more on your own to generate more complex displays.

You will need:

- Your own laptop with PyMOL installed (full (not educational) version recommended - latest version available is 3.0.0, just released March 12 â€“ download instructions on course website listed above)
- A three-button mouse
- Donâ€™t forget the power cord for your laptop!