

2012 Vanderbilt Cybercamp

Via a combination of lectures, demonstrations, and hands-on tutorials, the 2012 Vanderbilt/Columbia Molecular Modeling Cybercamp was designed to provide a broad overview of important topics related to molecular simulation. The 4-day course provided instruction in fundamental concepts, such as the basics of molecular dynamics and Monte Carlo simulation, along with specific instruction in the use of common software, including PBS, LAMMPS, HOOMD-Blue, TOWHEE, and VMD.

In addition to simulation fundamentals and software instruction, the camp featured lectures by four CACHE Trustees (Clare McCabe, David Kofke, Ed Maginn, and Joe Golab) focusing on important simulation research, education, and programming concepts. The camp also featured a poster session highlighting student research within the Dept. of Chemical and Biomolecular Engineering at Vanderbilt University.

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See [URL](#) for more details.